

The following pages contain sequence files for all products within the human Fc receptor panel. For the unconjugated human Fc receptor panel (product code HUFCRP-U), this consists of the following nine items:

- Human FcγRI / CD64, product code HUGR1-U
- Human FcγRIIa / CD32a (167H), product code HUGR2AH-U
- Human FcγRIIa / CD32a (167R), product code HUGR2AR-U
- Human FcγRIIb / CD32b, product code HUGR2B-U
- Human FcγRIIIa / CD16a (176F), product code HUGR3AF-U
- Human FcγRIIIa / CD16a (176V), product code HUGR3AV-U
- Human FcγRIIIb / CD16b (NA1), product code HUGR3B1-U
- Human FcγRIIIb / CD16b (NA2), product code HUGR3B2-U
- Human FcRn heterodimer, product code HUFCRN-U

For the unconjugated human Fc receptor panel (product code HUFCRP-B), this consists of the following nine items:

- Human FcγRI / CD64, product code HUGR1-B
- Human FcγRIIa / CD32a (167H), product code HUGR2AH-B
- Human FcγRIIa / CD32a (167R), product code HUGR2AR-B
- Human FcγRIIb / CD32b, product code HUGR2B-B
- Human FcγRIIIa / CD16a (176F), product code HUGR3AF-B
- Human FcγRIIIa / CD16a (176V), product code HUGR3AV-B
- Human FcγRIIIb / CD16b (NA1), product code HUGR3B1-B
- Human FcγRIIIb / CD16b (NA2), product code HUGR3B2-B
- Human FcRn heterodimer, product code HUFCRN-B

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Synonyms

CD64, CD64A, FCGR1, FCGRI, FCGR1A, FCGR1A, FCR1, FCRI, IGFR1, IGFR1

Accession number

P12314

Catalog number(s)

The sequence shown in this file has been used for all the following products: HUGR1-U and HUGR1-B.

Description

The sequence of the extracellular domain of human CD64 (Gln 16-Leu 281) was fused with a C-terminal tag consisting of the AVI tag, TEV protease recognition sequence and a 10-His tag.

Sequence

>Human_CD64

```
QVDTTKAVITLQPPWVSVFQEETVTLHCEVLHLPGSSSTQWFLNGTATQTSTPSYRITSASVNDSDGEYRCQRGLSGRSDPIQLEIHRGW  
LLLQVSSRVFTEGEPLALRCHAWKDKLVYNVLYYRNGKAFKFFHWNSNLTILKTNISHNGTYHCSGMGKHRYTSAGISVTVKELFPAPV  
LNASVTSPLLLEGNLVTLSCEKLLLRPGLQLYFSFYMGSKTLRGRNTSSEYQILTARREDSGLYWCEAATEDGNVLRKRSPELELQVLGG  
GLNDIFEAQKIEWHEGGGENLYFQSGHHHHHHHHHH
```

The Avi tag (GLNDIFEAQKIEWHEG) is highlighted in a black box, the TEV protease cleavage site (ENLYFQS) is underlined and the 10-His tag (HHHHHHHHHH) is shown in italics. Prior to the Avi tag, TEV cleavage site and His tag there are double glycines (GG) to act as spacers. For products that are biotinylated the biotin will be attached specifically to the lysine (K) within the Avi tag.

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Human Fc gamma RIIa / CD32a (167H) protein Sequence file

Synonyms

CD32A, FCGR2A, FCGRIIA, FCR2A, FCRIIA, IGFR2A, IGFRIIA

Accession number

P12318

Catalog number(s)

The sequence shown in this file has been used for all the following products: HUGR2AH-U and HUGR2AH-B.

Description

The sequence of the extracellular domain of human CD32a (Ala 36-Ile 218) was fused with a C-terminal tag consisting of the AVI tag, TEV protease recognition sequence and a 10-His tag.

Sequence

>Human_CD32A_167H

```
AAPPKAVLKLEPPWINVLQEDSVTLTCQGARSPESDSIQWFHNGNLIPTHTQPSYRFKANNNDSGEYTCQTGQTSLSDPVHLTVLSEW  
LVLQTPHLEFQEGETIMLRCHSWKDKPLVKVTFQNGKSQKFSHLDPTFSIPQANHSHSGDYHCTGNIGYTLFSSKPVTITVQVPSMGS  
SSPMGIGG GLNDIFEAQKIEWHEG GGENLYFQSGGHHHHHHHHHH
```

The Avi tag (GLNDIFEAQKIEWHEG) is highlighted in a black box, the TEV protease cleavage site (ENLYFQS) is underlined and the 10-His tag (HHHHHHHHHH) is shown in italics. Prior to the Avi tag, TEV cleavage site and His tag there are double glycines (GG) to act as spacers. For products that are biotinylated the biotin will be attached specifically to the lysine (K) within the Avi tag. Sites of allotypic variation are shown in bold and red.

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Human Fc gamma RIIa / CD32a (167R) protein Sequence file

Synonyms

CD32A, FCGR2A, FCGRIIA, FCR2A, FCRIIA, IGFR2A, IGFRIIA

Accession number

P12318

Catalog number(s)

The sequence shown in this file has been used for all the following products: HUGR2AR-U and HUGR2AR-B.

Description

The sequence of the extracellular domain of human CD32a (Ala 36-Ile 218) was fused with a C-terminal tag consisting of the AVI tag, TEV protease recognition sequence and a 10-His tag.

Sequence

>Human_CD32A_167R

```
AAPPKAVLKLEPPWINVLQEDSVTLTCQGARSPESDSIQWFHNGNLIPTHTQPSYRFKANNNDSGEYTCQTGQTSLSDPVHLLTVLSEW  
LVLQTPHLEFQEGETIMLRCHSWKDKPLVKVTFQNGKSQKFSRLDPTFSIPQANHSHSGDYHCTGNIGYTLFSSKPVTITVQVPSMGS  
SSPMGIGG GLNDIFEAQKIEWHEG GGENLYFQSGGHHHHHHHHHH
```

The Avi tag (GLNDIFEAQKIEWHEG) is highlighted in a black box, the TEV protease cleavage site (ENLYFQS) is underlined and the 10-His tag (HHHHHHHHHH) is shown in italics. Prior to the Avi tag, TEV cleavage site and His tag there are double glycines (GG) to act as spacers. For products that are biotinylated the biotin will be attached specifically to the lysine (K) within the Avi tag. Sites of allotypic variation are shown in bold and red.

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Human Fc gamma RIIb / CD32b protein

Sequence file

Synonyms

CD32B, FCGR2B, FCGR1IB, FCR2B, FCRIIB, IGFR2B, IGFR1IB

Accession number

P31994

Catalog number(s)

The sequence shown in this file has been used for all the following products: HUGR2B-U and HUGR2B-B.

Description

The sequence of the extracellular domain of human CD32b (Ala 46-Pro 217) was fused with a C-terminal tag consisting of the AVI tag, TEV protease recognition sequence and a 10-His tag.

Sequence

>Human_CD32B

```
APPKAVLKLEPQWINVLQEDSVTLTCRGTHSPESDSIQWFHNGNLIPTHTQPSYRFKANNNDSGEYTCQTGQTSLSDPVHLLTVLSEWL  
VLQTPHLEFQEGETIVLRCHSWKDKPLVKVTFQNGKSKKFSRSDPNFSIPQANHSHSGDYHCTGNIGYTLYSSKPVTITVQAPGGGL  
NDIFEAQKIEWHEGGGENLYFQSGGHHHHHHHHHH
```

The Avi tag (GLNDIFEAQKIEWHEG) is highlighted in a black box, the TEV protease cleavage site (ENLYFQS) is underlined and the 10-His tag (HHHHHHHHHH) is shown in italics. Prior to the Avi tag, TEV cleavage site and His tag there are double glycines (GG) to act as spacers.

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Human Fc gamma RIIla / CD16a (176F) protein Sequence file

Synonyms

CD16A, FCGR3A, FCGRIIIA, FCR3A, FCRIIIA, IGFR3A, IGFR1IIIA

Accession number

P08637

Catalog number(s)

The sequence shown in this file has been used for all the following products: HUGR3AF-U and HUGR3AF-B.

Description

The sequence of the extracellular domain of human CD16a (Gly 17-Gln 208) was fused with a C-terminal tag consisting of the AVI tag, TEV protease recognition sequence and a 10-His tag.

Sequence

>Human_CD16A_176F

GMRTEDLPKAVVFLEPQWYRVLEKDSVTLKCGAYSPEDNSTQWFHNESLISSQASSYFIDAATVDDSGEYRCQTNLSTLSDPVQLEV
HIGWLLLQAPRWVFKEDPIHLRCHSWKNTALHKVTYLQNGKGRKYFHHNSDFYIPKATLKDSGSYFCRGLFGSKNVSSETVNITITQG
LAVSTISSFFPPGYQGG **GLNDIFEAQKIEWHEG** GGENLYFQSGGHHHHHHHHHH

The Avi tag (GLNDIFEAQKIEWHEG) is highlighted in a black box, the TEV protease cleavage site (ENLYFQS) is underlined and the 10-His tag (HHHHHHHHHH) is shown in italics. Prior to the Avi tag, TEV cleavage site and His tag there are double glycines (GG) to act as spacers. For products that are biotinylated the biotin will be attached specifically to the lysine (K) within the Avi tag. Sites of allotypic variation are shown in bold and red.

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Human Fc gamma RIIla / CD16a (176V) protein Sequence file

Synonyms

CD16A, FCGR3A, FCGRIIIA, FCR3A, FCRIIIA, IGFR3A, IGFR1IIIA

Accession number

P08637

Catalog number(s)

The sequence shown in this file has been used for all the following products: HUGR3AV-U and HUGR3AV-B.

Description

The sequence of the extracellular domain of human CD16a (Gly 17-Gln 208) was fused with a C-terminal tag consisting of the AVI tag, TEV protease recognition sequence and a 10-His tag.

Sequence

>Human_CD16A_176V

```
GMRTEDLPKAVVFLEPQWYRVLEKDSVTLKCGAYSPEDNSTQWFHNESLISSQASSYFIDAATVDDSGEYRCQTNLSTLSDPVQLEV  
HIGWLLLQAPRWVFKKEDPIHLRCHSWKNTALHKVTYLQNGKGRKYFHHNSDFYIPKATLKDSGSYFCRGLVGSKNVSSETVNITITQG  
LAVSTISSFFPPGYQGG GLNDIFEAQKIEWHEG GGENLYFQSGGHHHHHHHHHH
```

The Avi tag (GLNDIFEAQKIEWHEG) is highlighted in a black box, the TEV protease cleavage site (ENLYFQS) is underlined and the 10-His tag (HHHHHHHHHH) is shown in italics. Prior to the Avi tag, TEV cleavage site and His tag there are double glycines (GG) to act as spacers. For products that are biotinylated the biotin will be attached specifically to the lysine (K) within the Avi tag. Sites of allotypic variation are shown in bold and red.

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Human Fc gamma RIIb / CD16b (NA1) protein Sequence file

Synonyms

CD16B, FCGR3B, FCGRIIB, FCR3B, FCRIIB, IGFR3B, IGFRIB

Accession number

O75015

Catalog number(s)

The sequence shown in this file has been used for all the following products: HUGR3B1-U and HUGR3B1-B.

Description

The sequence of the extracellular domain of human CD16b (Gly 17-Ser 200) was fused with a C-terminal tag consisting of the AVI tag, TEV protease recognition sequence and a 10-His tag.

Sequence

>Human_CD16B_NA1

GMRTEDLPKAVVFLEPQWY**R**VLEKDSVTLKCGAYSPEDNSTQWFHN**N**LISQASSYFIDAATV**D**DSGEYRCQTNLSTLSDPVQLEV
H**V**GWLLLQAPRWVFKEEDPIHLRCHSWKNTALHKVTYLQNGKDRKYFHHNSDFHIPKATLKDSGSYFCRGLVGSKNVSSETVNITIQ
GLAVSTISGG **GLNDIFEAQKIEWHEG** GGENLYFQSGGHHHHHHHHHH

The Avi tag (GLNDIFEAQKIEWHEG) is highlighted in a black box, the TEV protease cleavage site (ENLYFQS) is underlined and the 10-His tag (HHHHHHHHHH) is shown in italics. Prior to the Avi tag, TEV cleavage site and His tag there are double glycines (GG) to act as spacers. For products that are biotinylated the biotin will be attached specifically to the lysine (K) within the Avi tag. Sites of allotypic variation are shown in bold and red.

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Human Fc gamma RIIB / CD16b (NA2) protein Sequence file

Synonyms

CD16B, FCGR3B, FCGRIIB, FCR3B, FCRIIB, IGFR3B, IGFRIB

Accession number

O75015

Catalog number(s)

The sequence shown in this file has been used for all the following products: HUGR3B2-U and HUGR3B2-B.

Description

The sequence of the extracellular domain of human CD16b (Gly 17-Ser 200) was fused with a C-terminal tag consisting of the AVI tag, TEV protease recognition sequence and a 10-His tag.

Sequence

>Human_CD16B_NA2

GMRTEDLPKAVVFLEPQWY**S**VLEKDSVTLKCOGAYSPEDNSTQWFHNE**S**LISQASSYFIDAATV**N**DSGEYRCQTNLSTLSDPVQLEV
H**I**GWLLLQAPRWVFKKEDPIHLRCHSWKNTALHKVTYLQNGKDRKYFHHNSDFHIPKATLKDSGSYFCRGLVGSKNVSSETVNITITQ
GLAVSTISGG **GLNDIFEAQKIEWHEG** GGENLYFQSGGHHHHHHHHHH

The Avi tag (GLNDIFEAQKIEWHEG) is highlighted in a black box, the TEV protease cleavage site (ENLYFQS) is underlined and the 10-His tag (HHHHHHHHHH) is shown in italics. Prior to the Avi tag, TEV cleavage site and His tag there are double glycines (GG) to act as spacers. For products that are biotinylated the biotin will be attached specifically to the lysine (K) within the Avi tag. Sites of allotypic variation are shown in bold and red.

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Synonyms

FcRn, FCGRT, FCGRT & B2M, FCGRT and B2M, Neonatal Fc receptor, Neonatal receptor, Brambell receptor

Accession number

P55899 / P61769

Catalog number(s)

The sequence shown in this file has been used for all the following products: HUFcRN-U and HUFcRN-B.

Description

The sequence of the extracellular domain of human FCGRT (Ala 24-Ser 297) was fused with a C-terminal tag consisting of the AVI tag, TEV protease recognition sequence and a 10-His tag. This was co-transfected with the sequence of human beta-2-microglobulin (Ile 21-Met 119).

Sequence

>Human_FcRn

```
AESHLSELLYHLTAVSSPAPGTPAFWVSGWLGPQQYLSYNSLRGEAEPGAWVWENQVSWYWEKETTDLRIKEKLFLEAFKALGGKGP  
YTLQGLLGCELGPDNTSVPTAKFALNGEEFMNFDLKQGTWGGDWPEALAISQRWQQQDKAANKELTFLFSCPHRLREHLERGRGN  
LEWKEPPSMRLKARPSSPGFVLTCSAFSFPPELQLRFLRNGLAAGTGQGDGFPNSDGSFHASSSLTVKSGDEHHYCCIVQHAGLAQ  
PLRVELESPAKSSGG GLNDIFEAQKIEWHEG GGENLYFQSGGHHHHHHHHHH
```

>Human_B2M

```
IQRTPKIQVYSRHPAENGKSNFLNCYVSGFHPSDIEVDLLKNGERIEKVEHSDLSFSKDWSFYLLYYTEFTPTEKDEYACRVNHVTLSPKI  
VKWDRDM
```

The Avi tag (GLNDIFEAQKIEWHEG) is highlighted in a black box, the TEV protease cleavage site (ENLYFQS) is underlined and the 10-His tag (HHHHHHHHHH) is shown in italics. Prior to the Avi tag, TEV cleavage site and His tag there are double glycines (GG) to act as spacers. For products that are biotinylated the biotin will be attached specifically to the lysine (K) within the Avi tag.

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