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

Synonyms

CD16A, FCGR3A, FCGRIIIA, FCR3A, FCRIIIA, IGFR3A, IGFRIIIA

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

GMRTEDLPKAVVFLEPQWYRVLEKDSVTLKCQGAYSPEDNSTQWFHNESLISSQASSYFIDAATVDDSGEYRCQTNLSTLSDPVQLEV
HIGWLLLQAPRWVFKEEDPIHLRCHSWKNTALHKVTYLQNGKGRKYFHHNSDFYIPKATLKDSGSYFCRGL**F**GSKNVSSETVNITITQG
LAVSTISSFFPPGYQGG GLNDIFEAQKIEWHEG GGENLYFQSGG*HHHHHHHHHH*

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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