

Human Fc gamma RIIIb / 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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