

Recombinant Human FCGR3A protein(NA2), His-Avi-tagged

Cat. No. FCGR3A-132H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human Fc gamma RIIIB/CD16b (NA2) Protein is expressed from mammalian with a His and Avi tag at the C-terminal. It contains Gly 17 - Ser 200. The CD16b NA1 differ with the CD16b NA2 in AA36, 65, 82, and 106. The CD16b NA1 form carries R36, N65, D82, and V106, while the CD16b NA2 form carries S36, S65, N82, and I106.
Species	Human
Source	HEK293
ProteinLength	17-200 aa (S36, S65, N82, I106)
Description	Human Fc gamma RIIIB/CD16b Protein is a receptor for the Fc region of immunoglobulins gamma. Low affinity receptor. Binds complexed or aggregated IgG and also monomeric IgG. Contrary to III-A, is not capable to mediate antibody-dependent cytotoxicity and phagocytosis. May serve as a trap for immune complexes in the peripheral circulation which does not activate neutrophils.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 23.7kDa .As a result of glycosylation, the protein migrates to 47- 53kDa based on Bis-Tris PAGE.
Endotoxin	Less than 0.01EU per ug by the LAL method.

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Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	FCGR3A Fc fragment of IgG, low affinity IIIa, receptor (CD16a) [Homo sapiens]
Official Symbol	FCGR3A
Synonyms	CD16; CD16b antigen; CD16bNA2); Fc fragment of IgG, low affinity IIIb, receptor (CD16b); Fc fragment of IgG, low affinity IIIb, receptor for (CD16); Fc gamma RIIIB; FCG3; Fc-gamma receptor IIIb (CD 16); Fc-gamma RIII; Fc-gamma RIIIb; Fc-gamma RIII-beta; FCGR3; FCGR3B; FcgRIIIB; FcR-10; fcRIII; FCRIIIB; IGFR3; IgG Fc receptor III-1; low affinity immunoglobulin gamma Fc region receptor III-B
Gene ID	2214
mRNA Refseq	NM_000569
Protein Refseq	NP_000560
MIM	146740
UniProt ID	P08637

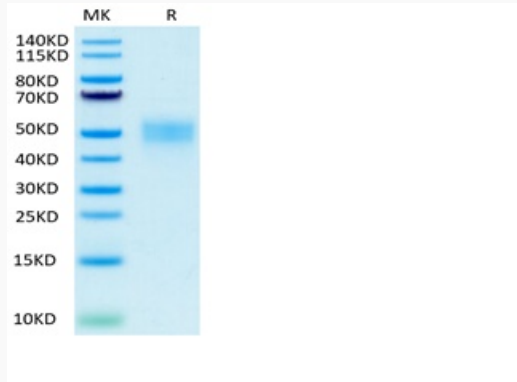
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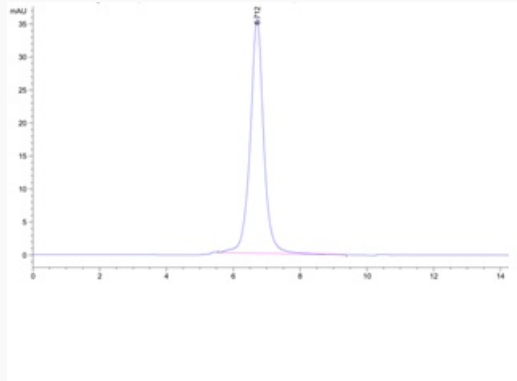
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Tris-Bis PAGE



HPLC data



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