

Fc gamma RIIB/CD16b (NA2) Recombinant Protein | CD16b recombinant protein

Biotinylated Human Fc gamma RIIB/CD16b (NA2) Protein Recombinant

CATALOG #	HOST
AAA76162	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

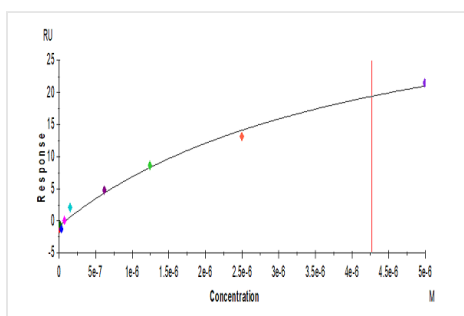
PRODUCT SYNONYMS

Fc gamma RIIB/CD16b (NA2); Biotinylated Human Fc gamma RIIB/CD16b (NA2) Protein Recombinant; CD16b recombinant protein

PRODUCT SPECIFICATIONS

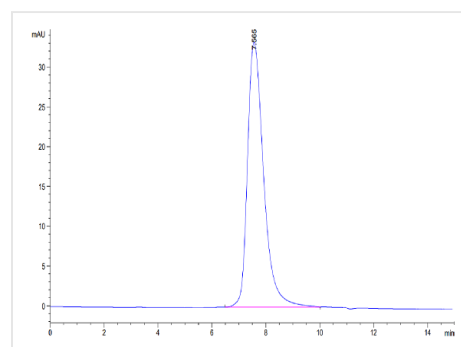
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human Fc gamma RIIB/CD16b (NA2) was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human Fc gamma RIIB/CD16b (NA2) including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVitag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Molecular Function	IgG-binding-protein, Receptor
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



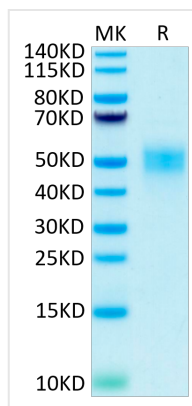
Application Data

Biotinylated Human Fc gamma RIIB/CD16b (NA2) Protein SPR Data: Biotinylated Human Fc gamma RIIB (NA2), His Tag captured on CM5 Chip via Anti-His Antibody can bind Rituximab, hFc Tag with an affinity constant of 4.3e-6 M as determined in SPR assay (Biacore T200).



Application Data

Biotinylated Human Fc gamma RIIB/CD16b (NA2) Protein SEC-HPLC: The purity of Biotinylated Human Fc gamma RIIB (NA2) is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human Fc gamma RIIB/CD16b (NA2) Protein Tris-Bis PAGE Biotinylated Human Fc gamma RIIB (NA2) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for CD16b recombinant protein

Biotinylated proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	7994572
NCBI GeneID	2215
UniProt Accession #	O75015
Molecular Weight	26,216 Da
NCBI Official Full Name	Low affinity immunoglobulin gamma Fc region receptor III-B
NCBI Official Synonym Full Names	Fc fragment of IgG receptor IIIb
NCBI Official Symbol	FCGR3B
NCBI Official Synonym Symbols	CD16; FCG3; CD16A; CD16b; FCGR3; FCGR3A; FCR-10; FCRIII; FCRIIIb
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor III-B
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor III-B
UniProt Gene Name	FCGR3B
UniProt Synonym Gene Names	CD16B; FCG3; FCGR3; IGFR3; Fc-gamma RIIB; Fc-gamma RIIBb; FcRIIB; FcRIIBb

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fcgr3b-recombinant-protein-hek293-cells/76162>