

Fc gamma RIIB/CD32b Recombinant Protein | FcgammaRIIB/CD32b recombinant protein

Biotinylated Human Fc gamma RIIB/CD32b Protein Recombinant

CATALOG #	HOST
AAA76339	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

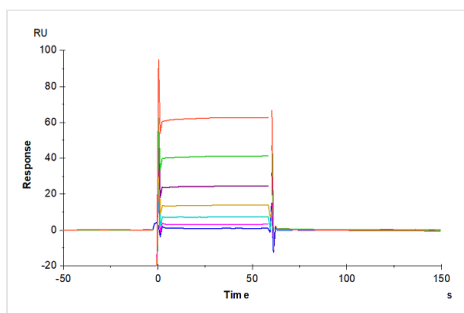
PRODUCT SYNONYMS

Fc gamma RIIB/CD32b; Biotinylated Human Fc gamma RIIB/CD32b Protein Recombinant; FcgammaRIIB/CD32b recombinant protein

PRODUCT SPECIFICATIONS

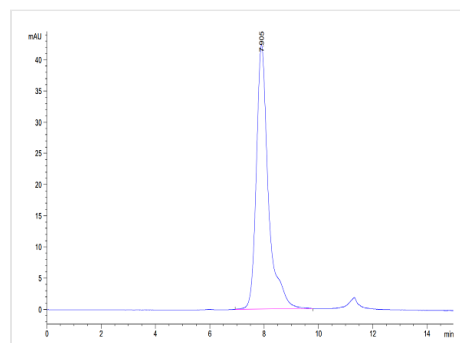
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human Fc gamma RIIB/CD32b was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human Fc gamma RIIB/CD32b 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
Biological Process	Host-virus-interaction
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/CD32b Protein SPR Data: Rituximab captured on CM5 Chip via Protein A can bind Biotinylated Human Fc gamma RIIB, His-Avi Tag with an affinity constant of 3.97×10^6 M as determined in SPR assay (Biacore T200).



Application Data

Biotinylated Human Fc gamma RIIB/CD32b Protein SEC-HPLC: The purity of Biotinylated Human Fc gamma RIIB/CD32b is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human Fc gamma RIIB/CD32b Protein Tris-Bis PAGEBiotinylated Human Fc gamma RIIB/CD32b on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for FcgammaRIIB/CD32b recombinant protein

Biotinylated proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	50511932
NCBI GeneID	2213
NCBI Accession #	NP_001002273.1
NCBI GenBank Nucleotide #	NM_001002273.2
UniProt Accession #	P31994; O95649; Q53X85; Q5VXA9; Q8NIA1; A6H8N3
Molecular Weight	34,044 Da
NCBI Official Full Name	low affinity immunoglobulin gamma Fc region receptor II-b isoform 2
NCBI Official Synonym Full Names	Fc fragment of IgG, low affinity IIb, receptor (CD32)
NCBI Official Symbol	FCGR2B
NCBI Official Synonym Symbols	CD32; FCG2; CD32B; FCGR2; IGFR2
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor II-b; CDw32; fcRII-b; Fc gamma RIIB; fc-gamma-RIIb; fc-gamma RII-b; igG Fc receptor II-b; Fc fragment of IgG, low affinity II, receptor for (CD32); Fc fragment of IgG, low affinity IIb, receptor for (CD
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor II-b
UniProt Gene Name	FCGR2B
UniProt Synonym Gene Names	CD32; FCG2; IGFR2; IgG Fc receptor II-b; Fc-gamma-RIIb; FcRII-b
UniProt Entry Name	FCG2B_HUMAN

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/fcgr2b-recombinant-protein-hek293-cells/76339>