

Fc gamma RIIA/CD32a (R167) Recombinant Protein | CD32a recombinant protein

Biotinylated Human Fc gamma RIIA/CD32a (R167) Protein Recombinant

CATALOG #	HOST
AAA76200	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

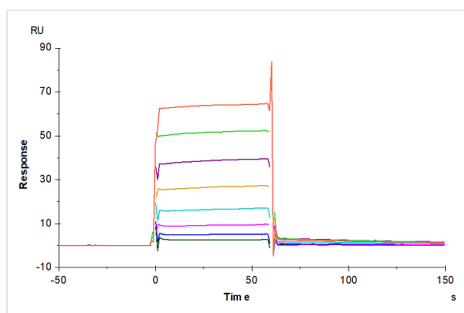
PRODUCT SYNONYMS

Fc gamma RIIA/CD32a (R167); Biotinylated Human Fc gamma RIIA/CD32a (R167) Protein Recombinant; CD32a recombinant protein

PRODUCT SPECIFICATIONS

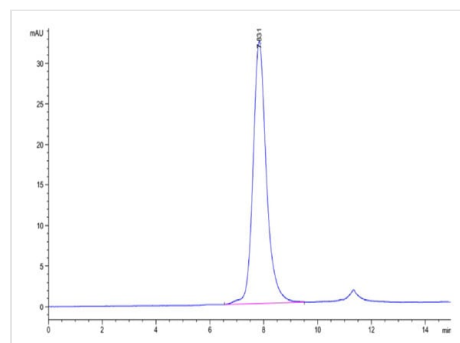
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human Fc gamma RIIA/CD32a (R167) was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human Fc gamma RIIA/CD32a (R167) 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	Immunity
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 RIIA/CD32a (R167) Protein SPR Data: Rituximab captured on CM5 Chip via Protein A can bind Biotinylated Human Fc gamma RIIA (R167), His-Avi Tag with an affinity constant of 1.03 μ M as determined in SPR assay (Biacore T200).



Application Data

Biotinylated Human Fc gamma RIIA/CD32a (R167) Protein SEC-HPLC: The purity of Biotinylated Fc gamma RIIA/CD32a (R167) is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human Fc gamma RIIA/CD32a (R167) Protein Tris-Bis PAGE Biotinylated Human Fc gamma RIIA/CD32a (R167) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for CD32a recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	210031822
NCBI GeneID	2212
NCBI Accession #	NP_001129691.1
NCBI GenBank Nucleotide #	NM_001136219.1
UniProt Accession #	P12318; Q8WUN1; Q8WW64
Molecular Weight	35,001 Da
NCBI Official Full Name	low affinity immunoglobulin gamma Fc region receptor II-a isoform 1
NCBI Official Synonym Full Names	Fc fragment of IgG, low affinity IIa, receptor (CD32)
NCBI Official Symbol	FCGR2A
NCBI Official Synonym Symbols	CD32; FCG2; FcGR; CD32A; CDw32; FCGR2; IGFR2; FCGR2A1
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor II-a; fcRII-a; fc-gamma-RIIa; fc-gamma RII-a; igG Fc receptor II-a; Immunoglobulin G Fc receptor II
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor II-a
UniProt Gene Name	FCGR2A
UniProt Synonym Gene Names	CD32; FCG2; FCGR2A1; IGFR2; IgG Fc receptor II-a; Fc-gamma-RIIa; FcRII-a
UniProt Entry Name	FCG2A_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://www.aaabiotech.com/fcgr2a-recombinant-protein-hek293-cells/76200>