

Fc gamma RIIIA/CD16a (F176) Recombinant Protein | CD16a recombinant protein

Biotinylated Human Fc gamma RIIIA/CD16a (F176) Protein Recombinant

CATALOG #	HOST
AAA76157	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

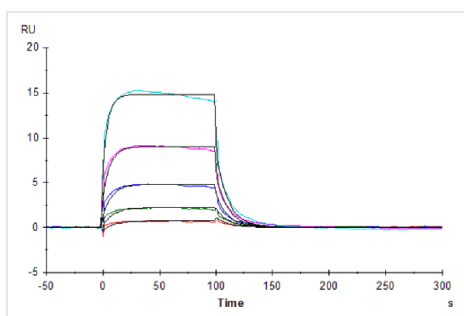
PRODUCT SYNONYMS

Fc gamma RIIIA/CD16a (F176); Biotinylated Human Fc gamma RIIIA/CD16a (F176) Protein Recombinant; CD16a recombinant protein

PRODUCT SPECIFICATIONS

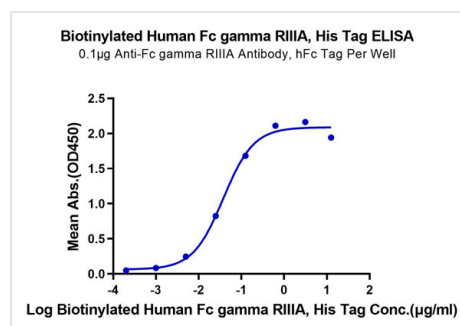
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human Fc gamma RIIIA/CD16a (F176) was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human Fc gamma RIIIA/CD16a (F176) 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



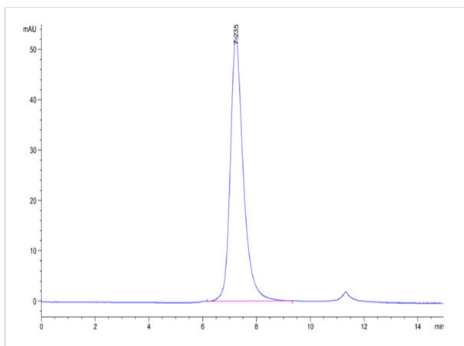
Application Data

Biotinylated Human Fc gamma RIIIA/CD16a (F176) Protein SPR Data: Biotinylated Human Fc gamma RIIIA (F176), His Tag captured on CM5 Chip via Anti-His Antibody can bind Rituximab, hFc Tag with an affinity constant of 0.14 μ M as determined in SPR assay (Biacore T200).



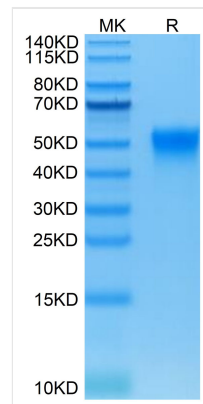
ELISA

Biotinylated Human Fc gamma RIIIA/CD16a (F176) Protein ELISA Data: Immobilized Anti-Fc gamma RIIIA Antibody, hFc Tag at 1 μ g/ml (100 μ l/well) on the plate. Dose response curve for Biotinylated Human Fc gamma RIIIA (F176), His Tag with the EC50 of 37.7 ng/ml determined by ELISA.



Application Data

Biotinylated Human Fc gamma RIIIA/CD16a (F176) Protein SEC-HPLC The purity of Biotinylated Human Fc gamma RIIIA (F176) is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human Fc gamma RIIIA/CD16a (F176) Protein Tris-Bis PAGE Biotinylated Human Fc gamma RIIIA (F176) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for CD16a recombinant protein

Biotinylated proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	119876
NCBI GeneID	2214
UniProt Accession #	P08637; Q53FJ0; Q53FL6; Q5EBR4; Q65ZM6; Q6PIJ0; A2N6W9
Molecular Weight	254
NCBI Official Full Name	Low affinity immunoglobulin gamma Fc region receptor III-A
NCBI Official Synonym Full Names	Fc fragment of IgG, low affinity IIIa, receptor (CD16a)
NCBI Official Symbol	FCGR3A
NCBI Official Synonym Symbols	CD16; FCG3; CD16A; FCGR3; IGFR3; IMD20; FCR-10; FCRIII; FCGRIII; FCRIIIA
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor III-A; Fc gamma RIIIA; CD16a antigen; fc-gamma RIII; Fc-gamma RIIIA; Fc-gamma RIII-alpha; igG Fc receptor III-2; Fc gamma receptor III-A; Fc-gamma receptor IIIb (CD16); neutrophil-specific antigen NA; Fc-
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor III-A
UniProt Gene Name	FCGR3A
UniProt Synonym Gene Names	CD16A; FCG3; FCGR3; IGFR3; Fc-gamma RIII; Fc-gamma RIIIA; FcRIII; FcRIIIa
UniProt Entry Name	FCG3A_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/fcgr3a-recombinant-protein-hek293-cells/76157>