

Fc gamma RIIIA/CD16a (V176) Recombinant Protein | CD16a recombinant protein

Biotinylated Human Fc gamma RIIIA/CD16a (V176) Protein Recombinant

CATALOG #	HOST
AAA76225	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

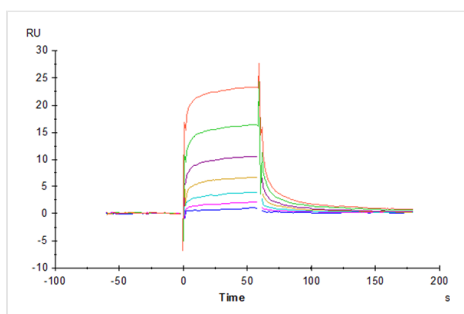
PRODUCT SYNONYMS

Fc gamma RIIIA/CD16a (V176); Biotinylated Human Fc gamma RIIIA/CD16a (V176) Protein Recombinant; CD16a recombinant protein

PRODUCT SPECIFICATIONS

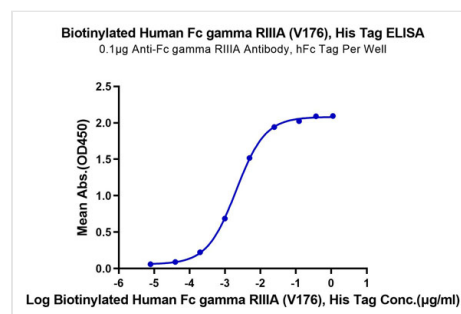
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human Fc gamma RIIIA/CD16a (V176) was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human Fc gamma RIIIA/CD16a (V176) 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).
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



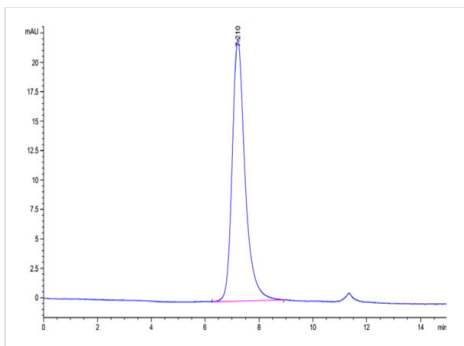
Application Data

Biotinylated Human Fc gamma RIIIA/CD16a (V176) Protein SPR Data: Rituximab captured on CM5 Chip via Protein A can bind Biotinylated Human Fc gamma RIIIA (V176), His-Avi Tag with an affinity constant of 0.539 μ M as determined in SPR assay (Biacore T200).



ELISA

Biotinylated Human Fc gamma RIIIA/CD16a (V176) 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 (V176), His Tag with the EC50 of 2ng/ml determined by ELISA.



Application Data

Biotinylated Human Fc gamma RIIIA/CD16a (V176) Protein SEC-HPLC The purity of Biotinylated Human Fc gamma RIIIA (V176) is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human Fc gamma RIIIA/CD16a (V176) Protein Tris-Bis PAGE Biotinylated Human Fc gamma RIIIA (V176) 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

UniProt Accession #

AAH17865

Molecular Weight

Recombinant Human Fc gamma RIIIA/CD16a (V176) is a protein consisting of amino acid residues [Gly17-Gln208]. The protein has a predicted MW of 24.7 kDa. Due to glycosylation, the protein migrates to 45-60 kDa based on Tris-Bis PAGE result.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/fc-gamma-riiia/cd16a-v176-recombinant-protein-hek293/76225>