

Human Fc gamma RIIIA/CD16a (V176) protein (Recombinant) (C-His-Avi) {Biotin} (STJP001636)

GENERAL INFORMATION

Product Type	Proteins
Host / Source	HEK293

PRODUCT PROPERTIES

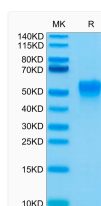
Formulation	Lyophilised from 0.2 μ m filtered PBS solution pH7.4.
Molecular Weight	Recombinant Human Fc gamma RIIIA/CD16a (V176) is a protein consisting of amino acid residues [Gly17-Gln208]. The protein has a predicted MW of 24.7 kDa. Due to glycosylation, the protein migrates to 45-60 kDa based on Tris-Bis PAGE result..
Storage Instruction	The lyophilized protein is stable for at least 1 year from date of receipt at -20°C.

TARGET INFORMATION

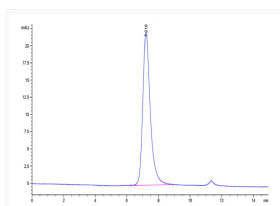
Immunogen Region	Gly17-Gln208
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ADDITIONAL INFORMATION

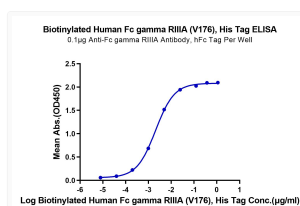
Note **STRICTLY FOR FURTHER RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



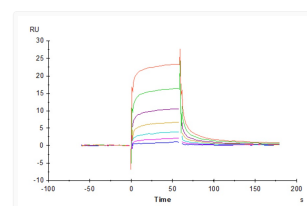
Biotinylated Human Fc gamma RIIIA (V176) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



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



Immobilized Anti-Fc gamma RIIIA Antibody, hFc Tag at 1 μ g/g/ml (100 μ g/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.



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).