

## Human Fc gamma RIIIA/CD16a (F176) protein (Recombinant) (C-His-Avi) {Biotin} (STJP001566)

### GENERAL INFORMATION

Product Type	Proteins
Host / Source	HEK293

### PRODUCT PROPERTIES

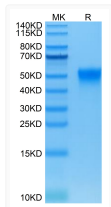
Formulation	Lyophilised from 0.2 $\mu$ m filtered PBS solution pH7.4.
Molecular Weight	Recombinant Human Fc gamma RIIIA/CD16a (F176) is a protein consisting of amino acid residues [Gly17-Gln208 (F176)]. The protein has a predicted MW of 24.7 kDa. Due to glycosylation, the protein migrates to 48-58 kDa 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

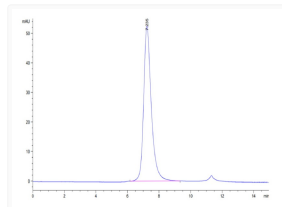
Gene ID	<a href="#">2214</a>
Gene Symbol	<a href="#">FCGR3A</a>
UniProt ID	<a href="#">FCG3A_HUMAN</a>
Immunogen Region	Gly17-Gln208 (F176)

### ADDITIONAL INFORMATION

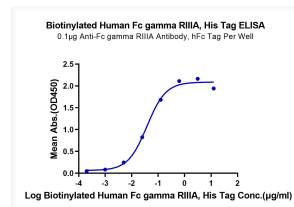
Note STRICTLY FOR FURTHER RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



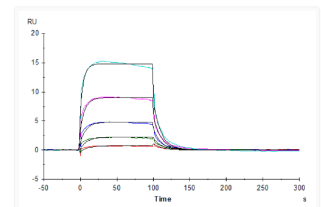
Biotinylated Human Fc gamma RIIIA (F176) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



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



Immobilized Anti-Fc gamma RIIIA Antibody, hFc Tag at 1  $\mu$ g/ml (100  $\mu$ g I/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.



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  $\mu$ M as determined in SPR assay (Biacore T200).