

Product Datasheet

Recombinant Human Low affinity immunoglobulin gamma Fc region receptor III-A (FCGR3A)(F176V), partial (Active) (orb1881660)

Catalog Number	orb1881660
Description	Recombinant Human Low affinity immunoglobulin gamma Fc region receptor III-A (FCGR3A)(F176V), partial (Active)
Endotoxins	Less than 1.0 EU/ug as determined by LAL method.
Preservatives	Lyophilized from a 0.2 µm sterile filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Form/Appearance	Lyophilized powder
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Tag	C-terminal 10xHis-HSA-tagged
Note	For research use only
Application notes	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Protein Sequence	GMRTEDLPKAVVFLEPQWYRVLEKDSVTLKCQGAYSPEDNSTQWFHNESLISSQASSYFID AATVDDSGEYRCQTNLSTLSDPVQLEVHIGWLLLQAPRWVFKEEDPIHLRCHSWKNTALH KVTYLQNGKGRKYFHHNSDFYIPKATLKDSGSYFCRGLVGSKNVSSETVNITITQGLAVSTIS SFFPPGYQ
Purity	Greater than 95% as determined by SDS-PAGE.

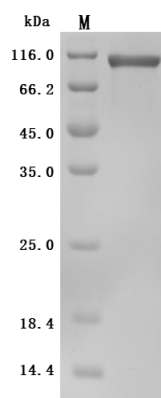
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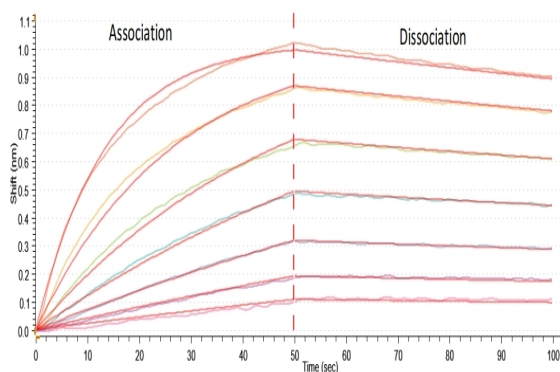
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Source	Mammalian cell
MW	90.6 kDa
Uniprot ID	P08637
Expiration Date	6 months from date of receipt.



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Loaded Anti-Human CD16a Antibody on 96-Flat plate, can bind Human CD16a (F176V), with an affinity constant of 12 nM as determined in BLI assay (Gator Prime).

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