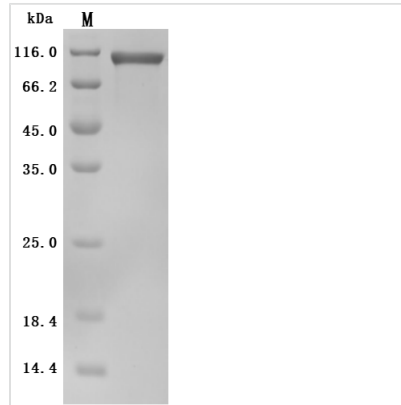


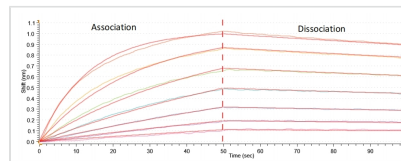


Recombinant Human Low affinity immunoglobulin gamma Fc region receptor III-A (FCGR3A)(F176V), partial (Active)

Product Code	CSB-MP008543HU1(M)
Abbreviation	Recombinant Human FCGR3A protein (F176V), partial (Active)
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.
Uniprot No.	P08637
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm sterile filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	Loaded Anti-Human CD16a Antibody (CSB-RA008543MA1HU) on 96-Flat plate, can bind Human CD16a(F176V), with an affinity constant of 12 nM as determined in BLI assay (Gator Prime).
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	GMRTEDLPKAVVFLEPQWYRVLEKDSVTLKCQGAYSPEDNSTQWFHNESLIS SQASSYFIDAATVDDSGEYRCQTNLSTLSDPVQLEVHIGWLLLQAPRWVFKKEE DPIHLRCHSWKNTALHKVTYLQNGKGRKYFHHNSDFYIPKATLKDSGSYFCRG LVGSKNVSSETVNITITQGLAVSTISSFFPPGYQ
Research Area	Immunology
Source	Mammalian cell
Target Names	FCGR3A
Expression Region	17-208aa(F176V)
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 10xHis-HSA-tagged
Mol. Weight	90.6kDa
Protein Length	Partial
Image	



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



Activity
Loaded Anti-Human CD16a Antibody (CSB-RA008543MA1HU) on 96-Flat plate, can bind Human CD16a(F176V), with an affinity constant of 12 nM as determined in BLI assay (Gator Prime).

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

Reconstitution

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.

Shelf Life

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.