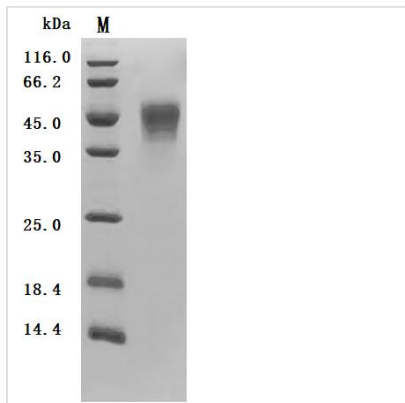




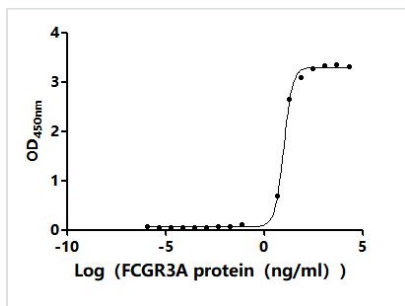
Recombinant Human Low affinity immunoglobulin gamma Fc region receptor III-A (FCGR3A) (F176V), partial, Biotinylated (Active)

Product Code	CSB-MP008543HU1(M)k7-B
Abbreviation	Recombinant Human FCGR3A protein(F176V), partial, Biotinylated (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 PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Anti-FCGR3A antibody (CSB-RA008543MA2HU) at 2 µg/ml can bind Biotinylated Human FCGR3A. The EC50 is 7.814-12.17 ng/ml.
Purity	≥ 95% as determined by SDS-PAGE. ≥ 95% as determined by SEC-HPLC.
Sequence	GMRTEDLPKAVVFLEPQWYRVLEKDSVTLKQCQAYSPEDNSTQWFHNESLISQASSYFIDAATVDDSGEYRCQTNLSTLSDPVQLEVHIGWLLLQAPRWVFKKEE DPIHLRCHSWKNTALHKVTYLQNGKGRKYFHHNSDFYIPKATLKDSGSYFCRG LVGSKNVSSETVNITITQGLAVSTISSFFPPGYQ
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-Avi-tagged
Mol. Weight	26.5 kDa
Protein Length	Partial

Image



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



Activity
Measured by its binding ability in a functional ELISA. Immobilized Anti-FCGR3A antibody (CSB-RA008543MA2HU) at 2 µg/ml can bind Biotinylated Human FCGR3A. The EC₅₀ is 7.814-12.17 ng/ml.



The purity of FCGR3A was greater than 95% as determined by SEC-HPLC

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.