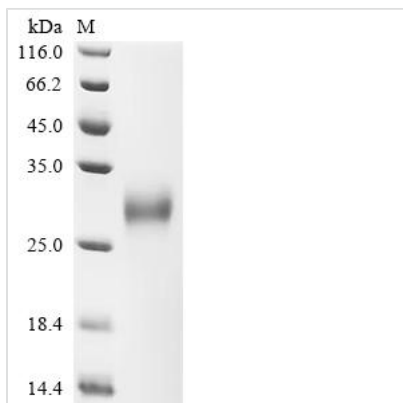


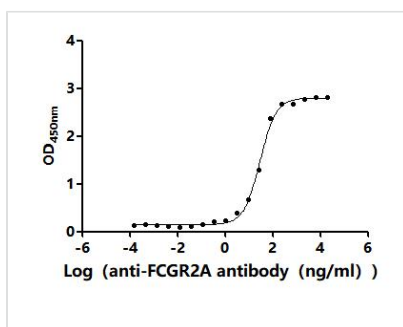


Recombinant Human Low affinity immunoglobulin gamma Fc region receptor II-a (FCGR2A), partial (Active)

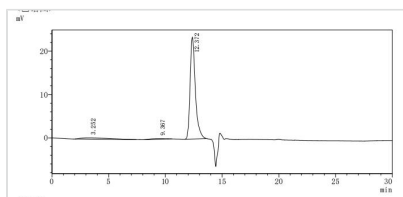
Product Code	CSB-MP008540HU1
Abbreviation	Recombinant Human FCGR2A protein, partial (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P12318
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 Human FCGR2A at 2 µg/mL can bind Anti-FCGR2A recombinant antibody (CSB-RA008540MA1HU). The EC50 is 24.44-32.57 ng/mL.
Purity	≥ 95% as determined by SDS-PAGE. ≥ 90% as determined by SEC-HPLC.
Sequence	QAAAPPKAVLKLEPPWINVLQEDSVTLTCQGARSPESDSIQWFHNGNLIPTHT QPSYRFKANNNDSGEYTCQTGQTSLSDPVHLTVLSEWLVLQTPHLEFQEGETI MLRCHSWKDKPLVKVTFQNGKSQKFSHLDPTFSIPQANHSHSGDYHCTGNI GYTLFSSKPVTITVQVPSMGSSSPMG
Source	Mammalian cell
Target Names	FCGR2A
Expression Region	34-217aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 10xHis-tagged
Mol. Weight	23.2 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 Human FCGR2A at 2 μ g/ml can bind Anti-FCGR2A recombinant antibody (CSB-RA008540MA1HU). The EC_{50} is 24.44-32.57 ng/mL.



The purity of FCGR2A was greater than 90% 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.