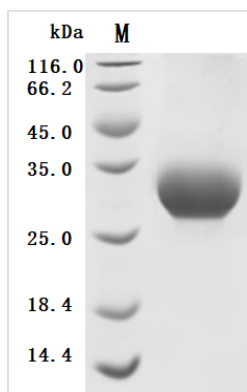


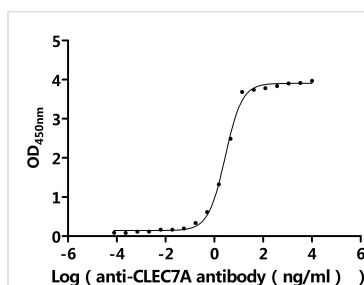


Recombinant Macaca fascicularis C-type lectin domain family 7 member A (CLEC7A), partial (Active)

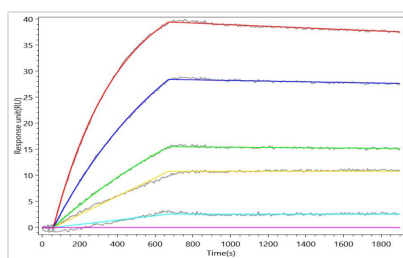
Product Code	CSB-MP8038MOV
Abbreviation	Recombinant Cynomolgus monkey CLEC7A protein, partial (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20?/-80?. The shelf life of lyophilized form is 12 months at -20?/-80?.
Uniprot No.	A0A2K5UXY6
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	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
Biological Activity	①Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis CLEC7A at 2 µg/mL can bind Anti-CLEC7A recombinant antibody (CSB-RA883623MA1HU). The EC50 is 2.544-3.020 ng/mL. ②CLEC7A Recombinant Monoclonal Antibody (CSB-RA883623MA1HU) captured on Protein A Chip can bind Recombinant Macaca fascicularis CLEC7A with an affinity constant of 0.537 nM as detected by MetaSPR Assay (WeSPRTM 200).
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	TMAIWRPNNSGRNSLENGYFPSRNKENHSQPTQSPLEESVTPTKAVKTTGVLS SPCPPNWIIYEKSCYLFSPSLNSWDGSKRQCSQLGSNLKIDSSKELGFIVKQV SSQPDNSFWIGLSRPQTEVPWLWEDGSTFSSNLFQIRTTATQENPSPNCVWI HVSVIYDQLCSVPSYSICEKKFSM
Source	Mammalian cell
Target Names	CLEC7A
Expression Region	100-281aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
Tag Info	N-terminal 10xHis-tagged
Mol. Weight	21.9 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 *Macaca fascicularis* CLEC7A at 2 µg/ml can bind Anti-CLEC7A recombinant antibody (CSB-RA883623MA1HU). The EC₅₀ is 2.544-3.020 ng/mL.



Activity
CLEC7A Recombinant Monoclonal Antibody (CSB-RA883623MA1HU) captured on Protein A Chip can bind Recombinant *Macaca fascicularis* CLEC7A with an affinity constant of 0.537 nM as detected by MetaSPR Assay (WeSPRTM 200).

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.