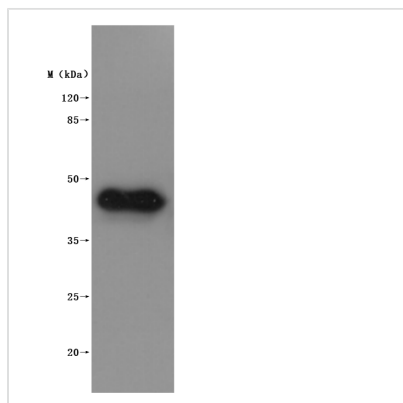


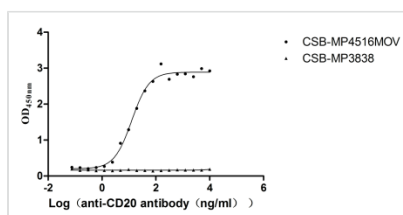


Recombinant Macaca fascicularis Membrane spanning 4-domains A1 (MS4A1)-VLPs (Active)

Product Code	CSB-MP4516MOV
Abbreviation	Recombinant Cynomolgus monkey MS4A1 protein-VLPs (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.	M4ZHZ6
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis CD20 at 10 µg/mL can bind Anti-CD20 recombinant antibody (CSB-RA015007MA3HU), the EC50 is 10.65-15.26 ng/mL. The VLPs (CSB-MP3838) is negative control.
Sequence	MTTPRNSVNGTFPAEPMKGPIAMQPGPKPLLRMSSLVGPTQSFFMRESKAL GAVQIMNGLFHIALGGLLMIPAGIYAPICVTWYPLWGGIMYIISGSLLAATEKNS RKCLVKGKMIMNSLSLFAAISGMILSIMDILNIKISHFLKMESLNFIRVHTPYINIYN CEPANPSEKNSPSTQYCYSIQSLFLGILSVMLIFAFFQELVIAGIVENEWRTCS RPKSSVVLLSAEEKKEQVIEIKEEVVGLTETSSQPKNEEDIEIPIQEEEEETET NFPEPPQDQESSPIENDSSP
Source	Mammalian cell
Target Names	MS4A1
Expression Region	1-297aa
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 (This tag can be tested only under denaturing conditions)
Mol. Weight	34.4 kDa
Protein Length	Full Length
Image	



CSB-MP4516MOV is detected by Mouse anti-6*His monoclonal antibody.



Activity

Measured by its binding ability in a functional ELISA. Immobilized *Macaca fascicularis* CD20 at 10 µg/mL can bind Anti-CD20 recombinant antibody (CSB-RA015007MA3HU), the EC₅₀ is 10.65-15.26 ng/mL. The VLPs (CSB-MP3838) is negative control.

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.