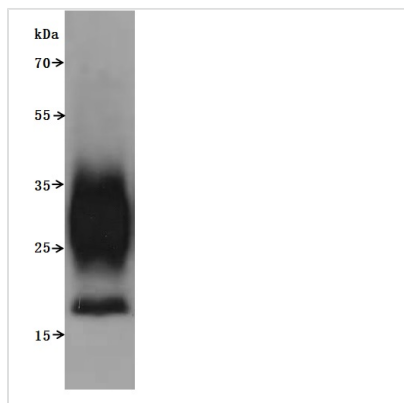


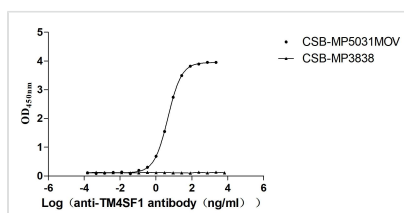


Recombinant *Macaca fascicularis* Transmembrane 4 L6 family member 1 (TM4SF1)-VLPs (Active)

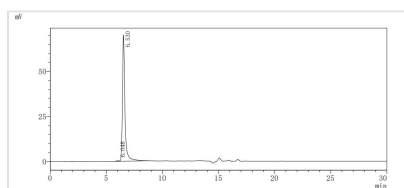
Product Code	CSB-MP5031MOV
Abbreviation	Recombinant Cynomolgus monkey TM4SF1 protein-VLPs (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	A0A2K5VKY2
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μm filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	<i>Macaca fascicularis</i> (Crab-eating macaque) (Cynomolgus monkey)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Cynomolgus TM4SF1 at 5 μg/mL can bind Anti-TM4SF1 recombinant antibody(CSB-RA023615MA1HU).The EC50 is 4.480-4.930 ng/mL.The VLPs (CSB-MP3838) is negative control.
Purity	Greater than 95% as determined by SEC-HPLC.
Sequence	MCYGKCARCIGHSLVGLALLCIIANILLYFPNGETKYASENHLSRFVWFFSGIVG GGLMLLP AFVFIGLEQDDCCGCCGHENCGKRCAMLSSVLAALIGIAGSGYCVI VAALGLAEGPLCLDSFGQWNYTFASLEGQYLLDTSTWSQCTEPKHIVEWNVS LFSILLALGGIEFILCLIQVINGVLGGICGFCCSRQQQYDC
Source	Mammalian cell
Target Names	TM4SF1
Expression Region	1-202aa
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	23.1 kDa
Protein Length	Full Length
Image	



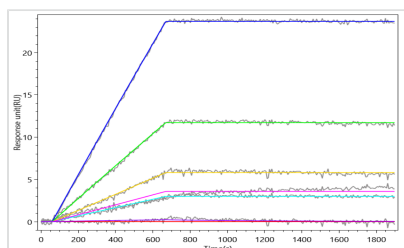
CSB-MP5031MOV is detected by Mouse anti-6*His monoclonal antibody. The two bands respectively correspond to monomer, Homodimer.



Activity
Measured by its binding ability in a functional ELISA. Immobilized Cynomolgus TM4SF1 at 5µg/mL can bind Anti-TM4SF1 recombinant antibody (CSB-RA023615MA1HU)? the EC₅₀ is 4.480-4.930 ng/mL. VLPs (CSB-MP3838) is negative control.



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



TM4SF1 Recombinant Monoclonal Antibody (CSB-RA023615MA1HU) captured on Protein A Chip can bind Recombinant Cynomolgus monkey TM4SF1 protein-VLPs with an affinity constant of 0.833 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.