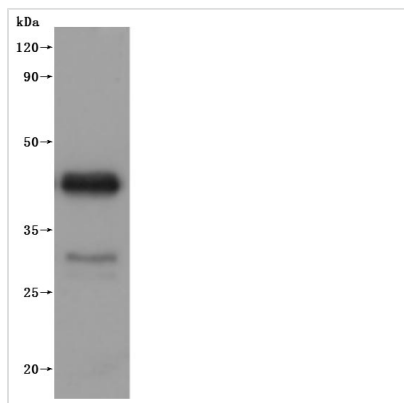


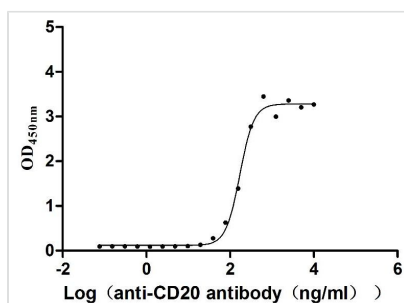


Recombinant Dog B-lymphocyte antigen CD20 (MS4A1)-VLPs (Active)

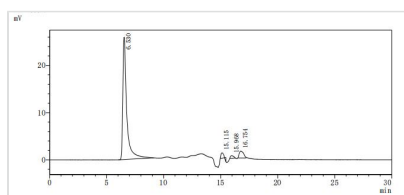
Product Code	CSB-MP661636DO
Abbreviation	Recombinant Dog MS4A1 protein-VLPs (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q3C2E2
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Canis lupus familiaris (Dog) (Canis familiaris)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Dog CD20 at 10 µg/mL can bind Anti-CD20 recombinant antibody (CSB-RA015007MA3HU), the EC ₅₀ is 147.3-199.0 ng/mL.
Purity	≥ 90% as determined by SEC-HPLC.
Sequence	MTTPRNSMSGTLPVDPMKSPTAMYPVQKIIPKRMPSVVGPTQNFFMRESKTL GAVQIMNGLFHIALGSLMIHTDVCAPICITMWYPLWGGIMFIISGSLAAADKN PRKSLVKGKMIMNSLSLFAAISGIIFLIMDIFNITISHFFKMENLNLIKAPMPYVDIH NCDPANPSEKNLSIQYCGSIRSIVFLGVFAVMLIFAFFQKLVTAGIVENEWKKL CSKPKSDVVVLLAAEEKKEQPIETTEEMVELTEIASQPKKEEDIEIIPVQEEEGEL EINFAEPPQEQESSPIENDSIP
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-MP661636DO is detected by Mouse anti-6*His monoclonal antibody.



Activity
Measured by its binding ability in a functional ELISA. Immobilized Dog CD20 at 10 µg/ml can bind Anti-CD20 recombinant antibody (CSB-RA015007MA3HU), the EC₅₀ is 147.3-199.0 ng/mL.



The purity of VLPs 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.