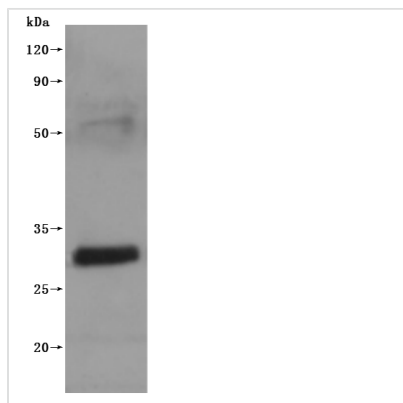


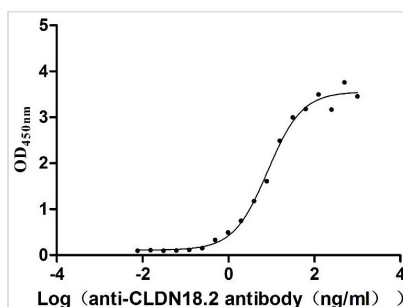


Recombinant Mouse Claudin-18.2 (Cldn18.2)-VLPs (Active)

Product Code	CSB-MP005498MO(F3)
Abbreviation	Recombinant Mouse Cldn18.2 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.	P56857-3
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Mouse Cldn18 at 5 µg/mL can bind Anti-CLDN18.2 recombinant antibody (CSB-RA005498A1HU), the EC ₅₀ is 6.115-11.01 ng/mL.
Sequence	MSVTACQQLGFVVSILIGFAGIIAATCMDQWSTQDLYNNPVTAVFNYQGLWRS CVRESSGFTECRGYFTLLGLPAMLQAVRALMIVGIVLGVIGILVSIFALKCIRIGS MDDSAKAKMTLTSGILFIISGICAIIGVSVFANMLVTNFWMSTANMYSGMGGMG GMVQTVQTRYTFGAALFVGWVAGGLTLIGGVMMCIACRGLTPDDSNFKAVSY HASGQNVAYRPGGFKASTGFGSNTRNKKIYDGGARTEDDEQSHPTKYDYV
Source	Mammalian cell
Target Names	Cldn18.2
Expression Region	1-264aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged (This tag can be tested only under denaturing conditions)
Mol. Weight	29.1 kDa
Protein Length	Full Length of Isoform A2.1
Image	



CSB-MP005498MO(F3) is detected by Mouse anti-6*His monoclonal antibody.



Activity
 Measured by its binding ability in a functional ELISA. Immobilized Mouse Cldn18 at 5 µg/ml can bind Anti-CLDN18.2 recombinant antibody (CSB-RA005498A1HU), the EC₅₀ is 6.115-11.01 ng/mL.

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.