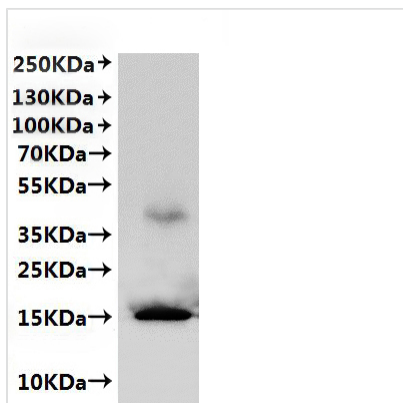


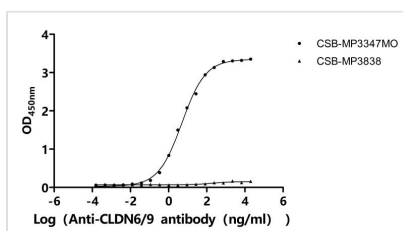


Recombinant Mouse Claudin-6 (Cldn6)-VLPs (Active)

Product Code	CSB-MP3347MO
Abbreviation	Recombinant Mouse Cldn6 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.	Q9Z262
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	Mus musculus (Mouse)
Biological Activity	①Measured by its binding ability in a functional ELISA. Immobilized Mouse cldn6 at 5 μg/mL can bind Anti-CLDN6/9 recombinant antibody(CSB-RA005508MA1HU). The EC50 is 4.027-6.270 ng/mL.The VLPs (CSB-MP3838) is negative control. ②Measured by its binding ability in a functional ELISA. Immobilized Mouse cldn6 at 5 μg/mL can bind Anti-CLDN6/9 recombinant antibody(CSB-RA005508MA3HU). The EC50 is 7.349-12.12 ng/mL.The VLPs (CSB-MP3838) is negative control.
Purity	≥ 95% as determined by SEC-HPLC.
Sequence	MASTGLQILGIVLTLGGWVNALVSCALPMWKVTAFIGNSIVVAQMVWEGLWMS CVVQSTGQMCKVYDSSLALPQDLQAARALCVVTLIVLLGLLVYLAGAKCTTC VEDRNSKSRLLVLSGIIIFVISGVLTLIPVCWTAHSIIQDFYNPLVADAQKRELGAS LYLGWAASGLLLLGGLLCCACSSGGTQGPRHYMACYSTSVPHSRGPSEYP TKNYV
Source	Mammalian cell
Target Names	Cldn6
Expression Region	1-219aa
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	24.8 kDa
Protein Length	Full Length
Image	

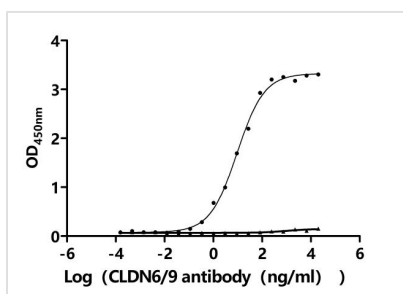


CSB-MP3347MO is detected by Mouse anti-6*His monoclonal antibody.



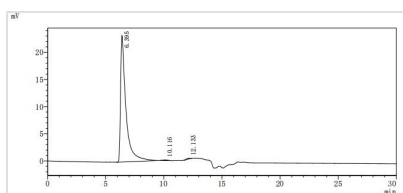
Activity

Measured by its binding ability in a functional ELISA. Immobilized Mouse cldn6 at 5 µg/ml can bind Anti-CLDN6/9 recombinant antibody(CSB-RA005508MA1HU). The EC₅₀ is 4.027-6.270 ng/mL.The VLPs (CSB-MP3838) is negative control.



Activity

Measured by its binding ability in a functional ELISA. Immobilized Mouse cldn6 at 5 µg/ml can bind Anti-CLDN6/9 recombinant antibody(CSB-RA005508MA3HU). The EC₅₀ is 7.349-12.12 ng/mL.The VLPs (CSB-MP3838) is negative control.



The purity of VLPs was greater than 95% 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.