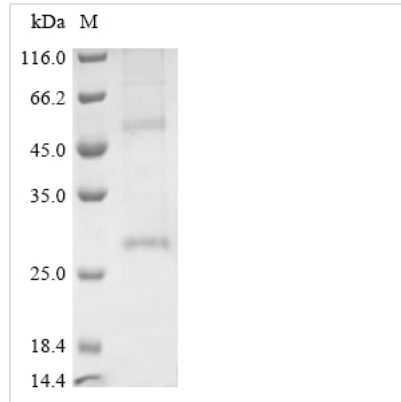


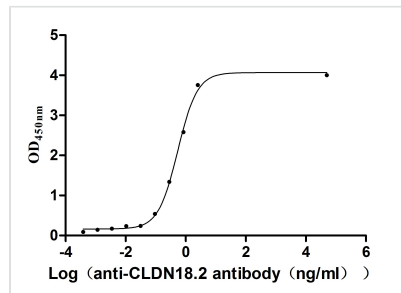


Recombinant Human Claudin-18.2 (CLDN18.2)-Detergent (Active)

Product Code	CSB-MP005498HU(A5)-D
Abbreviation	Recombinant Human CLDN18.2 protein-Detergent (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.	P56856-2
Form	Liquid
Storage Buffer	50 mM HEPES, 0.15 M NaCl, 0.05% DDM, 0.01% CHS, pH7.5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human CLDN18.2 at 5 µg/mL on an Nickel Coated plate can bind Anti-CLDN18.2 recombinant antibody (CSB-RA005505MA1HU), the EC50 is 0.4640-0.6372 ng/mL.
Purity	Greater than 80% as determined by SDS-PAGE.
Sequence	MAVTACQQLGFVVSLLIGIAGIIAATCMDQWSTQDLYNNPVTAVFNYYQLWRSC VRESSGFTECRGYFTLLGLPAMLQAVRALMIVGIVLGAIGLLVSIFALKCIRIGSM EDSAKANMTLTSGIMFIVSGLCAIAGVSVFANMLVTNFWMSTANMYTGMGGM VQTVQTRYTFGAALFVGWVAGGLTLIGGVMMCIACRGLAPEETNYKAVSYHA SGHSVAYKPGGFKASTGFGSNTKNKKIYDGGARTEDEVQSYPKHDYV
Source	Mammalian cell
Target Names	CLDN18.2
Expression Region	1-261aa
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
Mol. Weight	29.1 kDa
Protein Length	Full Length of Isoform A2
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Activity

Measured by its binding ability in a functional ELISA. Immobilized Human CLDN18.2 at 5 µg/ml on a Nickel Coated plate can bind Anti-CLDN18.2 recombinant antibody (CSB-RA005498A1HU), the EC₅₀ is 0.4640-0.6372 ng/mL.

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.