

Claudin (CLDN18) Recombinant Protein | CLDN18 recombinant protein

Recombinant Macaca fascicularis Claudin (CLDN18)-VLPs (Active)

CATALOG # AAA279275	HOST Mammalian cell
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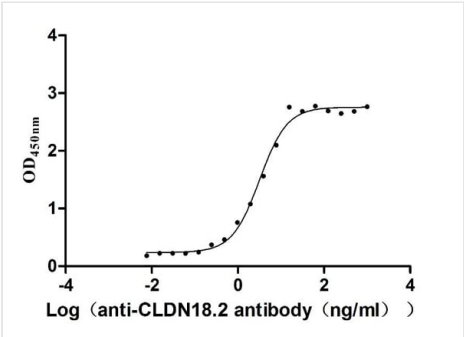
PRODUCT SYNONYMS

Claudin (CLDN18); Recombinant Macaca fascicularis Claudin (CLDN18)-VLPs (Active); Claudin; CLDN18 recombinant protein

PRODUCT SPECIFICATIONS

Host	Mammalian cell
Purity/Purification	The purity information is not available for VLPs proteins.
Form/Format	Lyophilized powder Lyophilized from a 0.2 um filtered PBS, 6% Trehalose, pH 7.4
Sequence Positions	1-261aa; Full Length
Sequence	MAVTACQGLG FVVSLIGIAG IIAATCMDQW STQDLYNNPV TAVFNYQGLW RSCVRESSGF TECRGYFTLL GLPAMLQAVR ALMIVGIVLG AIGLLVSIFA LKCIRIGSME DSAKANMTLT SGIMFIVSGL CAIAGVSVFA NMLVTNFWMS TANMYTGMGG MVQTVQTRYT FGAALFVGWV AGGLTLIGGV MMCIACRGLA PEETNYKAVS YHASGHSVAY KPGGFKASTG FGSNTKNKKT YDGAHTEDE LQSYPSKHDY V
Species	Macaca fascicularis (Crab-eating macaque)(Cynomolgus monkey)
Tag	N-terminal 6xHis-tagged (This tag can be tested only under denaturing conditions)
Research Area	CancerLess than 1.0 EU/ug as determined by LAL method.
Biological_Activity	Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis CLDN18 at 5 ug/ml can bind Anti-CLDN18.2 recombinant Antibody, the EC50 is 2.806-3.641 ng/ml.
Preparation and 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 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. 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. Aliquot for long-term storage at -80 degree C. Solubilize for 60 minutes at room temperature with occasional gentle mixing. Avoid vigorous shaking or vortexing. The VLPs are expressed from human 293 cells (HEK293). Mix the sample gently by repeatedly pipetting it up and down. Do not vortex. Repeated freezing and thawing is not recommended. Store the protein at -20 degree C/-80 degree C upon receiving it, and ensure to avoid repeated freezing and thawing, otherwise, it will affect the protein activity. The immunization strategy should be optimized (antigen dose, regimen and adjuvant).

IMAGES



Bioactivity
Activity Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis CLDN18 at 5 ug/ml can bind Anti-CLDN18.2 recombinant Antibody, the EC50 is 2.806-3.641 ng/ml.

ADDITIONAL INFORMATION

Product Categories/Family for CLDN18 recombinant protein	MP-VLP Transmembrane Protein & Active Protein & In Stock Protein
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	A0A2K5VV62
Molecular Weight	28.7kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/claudin-cldn18-recombinant-protein-mammalian/279275>