

Claudin-18.2 (CLDN18.2)-VLPs Active Protein | CLDN18.2 active protein

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

CATALOG # AAA278903	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Claudin-18.2 (CLDN18.2)-VLPs; Recombinant Human Claudin-18.2 (CLDN18.2)-VLPs (Active); CLDN18.2; CLDN18.2 active protein

PRODUCT SPECIFICATIONS

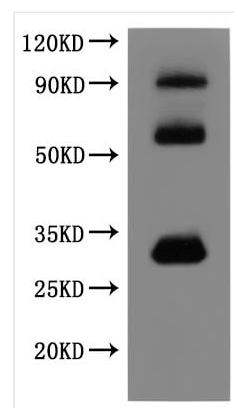
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-261aa, Full Length of Isoform A2
Sequence	MAVTACQGLG FVVSLIGIAG IIAATCMDQW STQDLNNPV TAVFNYQGLW RSCVRESSGF TECRGYFTLL GLPAMLQAVR ALMIVGIVLG AIGLLVSIFA LKCIRIGSME DSAKANMTLT SGIMFIVSGL CAIAGVSVFA NMLVTNFWMS TANMYTGMGG MVQTVQTRYT FGAALFVGWV AGGLTLIGGV MMCIACRGLA PEETNYKAVS YHASGHSVAY KPGGFKASTG FGSNTKNKKI YDGGARTEDE VQSYPSKHDY V
Species	Homo sapiens (Human)
Endotoxin	Less than 1.0EU/ug as determined by LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized human CLDN18.2) at 5ug/mL can bind anti-CLDN18.2 recombinant Monoclonal Antibody , the the EC50 is 5.225-9.256ng/mL.
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



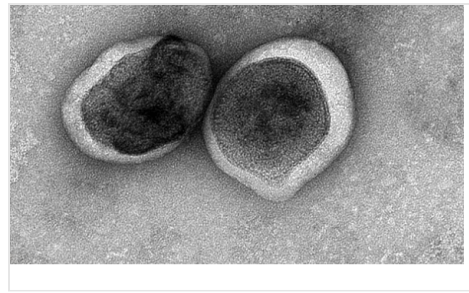
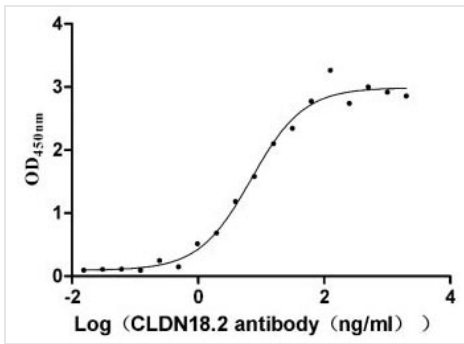
WB (Western Blot)

Is detected by Anti-Claudin 18 Antibody. The two bands respectively correspond to monomer, Homodimer.



WB (Western Blot)

Is detected by Mouse anti-6*His monoclonal antibody. The three bands respectively correspond to monomer, Homodimer, Homotrimer.



SDS-PAGE

The presence of VLP-like structures was confirmed by TEM

Bioactivity

NCBI AND UNIPROT INFORMATION

NCBI GI #	50345279
NCBI GeneID	51208
NCBI Accession #	NP_001002026.1
NCBI GenBank Nucleotide #	NM_001002026.2
UniProt Accession #	P56856; Q96PH4; A5PL21
Molecular Weight	27,856 Da
NCBI Official Full Name	claudin-18 isoform 2
NCBI Official Synonym Full Names	claudin 18
NCBI Official Symbol	CLDN18
NCBI Official Synonym Symbols	SFTA5; SFTPJ; DKFZp564B2062
NCBI Protein Information	claudin-18; OTTHUMP00000216399; OTTHUMP00000216400; surfactant associated 5; surfactant associated protein J; surfactant, pulmonary associated protein J
UniProt Protein Name	Claudin-18
UniProt Gene Name	CLDN18
UniProt Entry Name	CLD18_HUMAN

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://stage.aaabiotech.com/e-coli-or-yeast-or-baculovirus-or-mammalian-cell-active-protein/claudin-18-2-cldn18-2-vlps/278903>