

Product Datasheet

Recombinant Human Claudin-3 (CLDN3)-VLPs (Active) (orb1674366)

Description	Recombinant Human Claudin-3(CLDN3)-VLPs (Active)
Endotoxins	Less than 1.0 EU/ug as determined by LAL method.
Preservatives	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Form/Appearance	Lyophilized powder
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.
Tag	C-terminal 10xHis-tagged (This tag can be tested only under denaturing conditions)
Note	For research use only
Application notes	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°C. Solubilize for 60 minutes at room temperature with occasional gentle mixing. Avoid vigorous shaking or vortexing.
Protein Sequence	MSMGLEITGTALAVLGWLGTIVCCALPMWRVSAFIGSNIITSQNIWEGGLWMNCVVQSTGQ MQCKVYDSLALPQDLQAARALIVVAILLAAFGLLVALVGAQCTNCVQDDTAKAKITIVAGV LFLLAALLTLVPVSWSANTIIRDFYNPVVPEAQKREMGAGLYVGWAAAALQLLGGALLCCSC PPREKKYTATKVVYSAPRSTGPGASLGTGYDRKDYV
Biologically Active?	Yes
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human CLDN3 at 10 µg/mL can bind Anti-CLDN3 recombinant antibody, the EC50 is 23.62-34.37 ng/mL. VLPs as negative control.

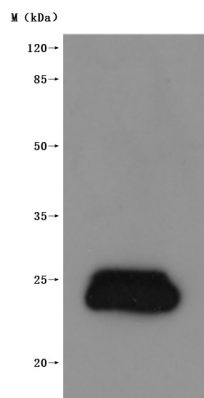
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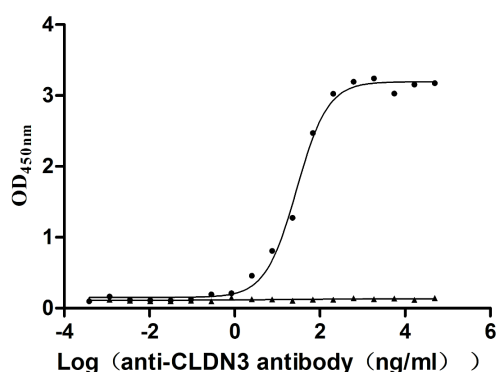
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Source	Mammalian cell
MW	24.7 kDa
Uniprot ID	O15551
Expiration Date	6 months from date of receipt.



orb1674366 is detected by Mouse anti-6*His monoclonal antibody



Activity: Measured by its binding ability in a functional ELISA. Immobilized Human CLDN3 at 10µg/mL can bind Anti-CLDN3 recombinant antibody (orb1517447) the EC50 is 23.62-34.37 ng/mL. VLPs orb1785091 is negative control

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