

Product Datasheet

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

Catalog Number	orb1674366
Category	Proteins
Description	This Recombinant Human Claudin-3 (CLDN3)-VLPs (Active) spans the sequence from region 1-220aa.
Tag	C-terminal 10xHis-tagged (This tag can be tested only under denaturing conditions)
Form/Appearance	Lyophilized powder
Buffer/Preservatives	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4.
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. Aliquot for long-term storage at -80°C. Solubilize for 60 minutes at room temperature with occasional gentle mixing. Avoid vigorous shaking or vortexing.
Purification	Ultracentrifugation + affinity purification
Protein Sequence	MSMGLEITGTALAVLGWLGTIVCCALPMWRVSAFIGSNIITSQNIWEGLWMNCVVQSTGQ MQCKVYDSLALPQDLQAARALIVVAILLAAFGLLVALVGAQCTNVCVQDDTAKAKITIVAGV LFLLAALLTLPVSVSANTIIIRDFYNPVVPEAQKREMGAGLYVGWAAAAALQLLGGALLCCSC PPREKKYTATKVVYSAPRSTGPGASLGTGYDRKDYY
Protein Length	Full Length
UniProt ID	O15551
MW	24.7 kDa

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

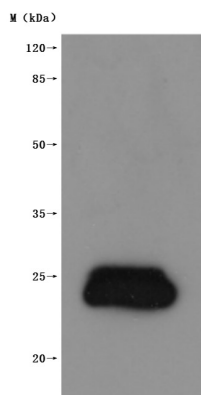
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Endotoxins	Less than 1.0 EU/ μ g as determined by LAL method.
Source	Mammalian cell
Biological Origin	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human CLDN3 at 10 μ g/mL can bind Anti-CLDN3 recombinant antibody, the EC50 is 23.62-34.37 ng/mL. VLPs is negative control.
Expression Region	1-220aa
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.
Note	For research use only
Expiration Date	6 months from date of receipt.



Detected by Mouse anti-6*His monoclonal antibody.

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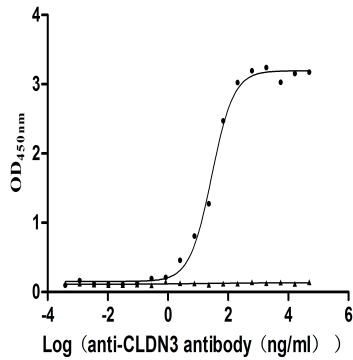
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Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

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United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)



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

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