

Active Recombinant Human CLDN3 Full Length Transmembrane protein, His-tagged(VLPs)

Cat. No. CLDN3-10H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLDN3 Full Length protein(O15551)(1-220aa)(VLPs), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-220aa
Form	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
Bio-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 is negative control.
Molecular Mass	24.7 kDa
AA Sequence	MSMGLEITGTALAVLGWLGTVCCALPMWRVSAFIGSNIITSQNIWEGLWMNCVVQS TGQMQCKVYDSLALPQDLQAARALIVVAILLAAGLLVALVGAQCTNCVQDDTAKA KITIVAGVLFLLAALLTLVPVSW SANTIIRDFYNPVPVPEAQKREMGAGLYVGWAAAAAL QLLGALLCCSCPPREKKYTATKVVYSAPRSTGPGASLGTGYDRKDYY
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.

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Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution

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%.

GENE INFORMATION

Gene Name

CLDN3 claudin 3 [Homo sapiens]

Official Symbol

CLDN3

Synonyms

CLDN3; claudin 3; C7orf1, CPETR2; claudin-3; Clostridium perfringens enterotoxin receptor 2; CPE R2; CPE receptor 2; HRVP1; RVP1; ventral prostate.1 like protein; CPE-R 2; CPE-receptor 2; ventral prostate.1-like protein; ventral prostate.1 protein homolog; C7orf1; CPE-R2; CPETR2;

Gene ID

1365

mRNA Refseq

NM_001306

Protein Refseq

NP_001297

MIM

602910

UniProt ID

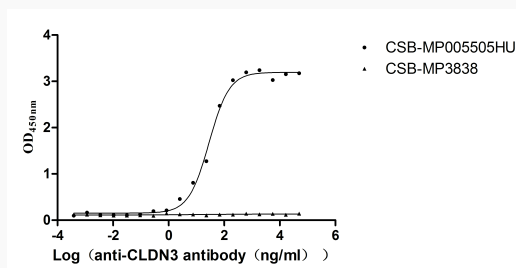
O15551

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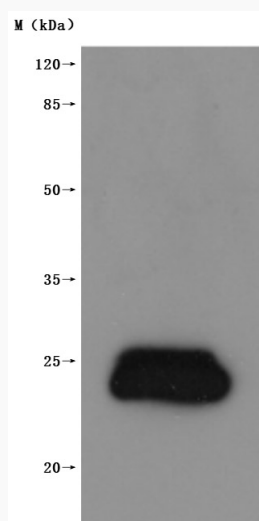
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Activity



SDS-PAGE



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