

Active Recombinant Mouse CLDN18 protein, 6xHis-tagged(VLPs)

Cat. No. Cldn18-36M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Mouse CLDN18 protein(P56857)(1-264aa), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-264aa
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 Mouse Cldn18 at 5 µg/mL can bind Anti-CLDN18.2 recombinant antibody, the EC50 is 6.115-11.01 ng/mL.
Molecular Mass	29.1 kDa
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
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

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long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name Cldn18 claudin 18 [*Mus musculus*]

Official Symbol Cldn18

Synonyms Cldn18

Gene ID 56492

mRNA Refseq NM_001194921

Protein Refseq NP_001181850

UniProt ID P56857

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