

Recombinant Human CLDN18 protein, His&Avi-tagged, Biotinylated(VLPs)

Cat. No. CLDN18-058H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CLDN18 protein(P56856-2)(Met 1 - Ala 200), fused with His tag and Avi tagged, was expressed from Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	Met 1 - Ala 200
Form	Supplied as 0.2 µm filtered solution in 50 mM HEPES, 150 mM NaCl, DDM, CHS, pH7.5 with glycerol as protectant.
Molecular Mass	This protein carries an Avi tag at the N-terminus, followed by a polyhistidine tag. The protein has a calculated MW of 24.8 kDa.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>60% as determined by SDS-PAGE.
Storage	This product is stable after storage at: The product MUST be stored at -70°C or lower upon receipt; -70°C for 12 months under sterile conditions.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation Biotin

GENE INFORMATION

Gene Name CLDN18 claudin 18 [Homo sapiens (human)]

Official Symbol CLDN18

Synonyms CLDN18; claudin 18; SFTA5; SFTPJ; claudin-18; surfactant associated 5; surfactant associated protein J; surfactant, pulmonary associated protein J

Gene ID 51208

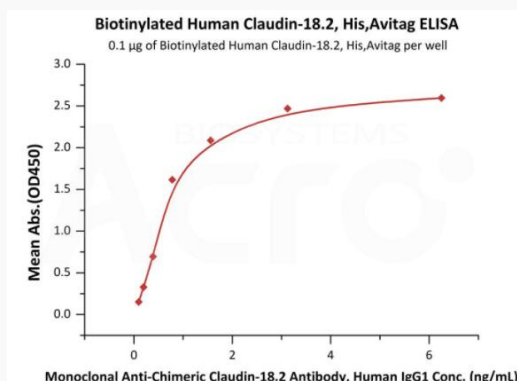
mRNA Refseq NM_016369

Protein Refseq NP_057453

MIM 609210

UniProt ID P56856

Bioactivity-ELISA



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Immobilized Biotinylated Human Claudin-18.2, His,Avitag at 1 $\mu\text{g/mL}$ (100 $\mu\text{L/well}$) on streptavidin precoated (0.5 $\mu\text{g/well}$) plate can bind Monoclonal Anti-Chimeric Claudin-18.2 Antibody, Human IgG1 with a linear range of 0.1-2 ng/mL (in presence of DDM and CHS).

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