

# Biotinylated Human Claudin 18.2 Protein-VLP

Cat. No. CLD-HM0P38B

## Description

Source	Recombinant Biotinylated Human Claudin 18.2 Protein-VLP is expressed from HEK293. It contains Met1-Val261.
Accession	P56856-2
Molecular Weight	The target protein has a predicted MW of 29 kDa.
Endotoxin	Less than 1EU per $\mu\text{g}$ by the LAL method.

## Formulation and Storage

Formulation	Supplied as 0.22 $\mu\text{m}$ filtered solution in PBS, 150mM L-Arginine (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at $-80^{\circ}\text{C}$ . Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

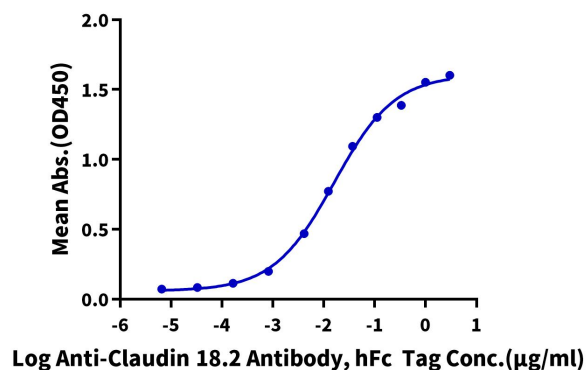
## Background

Claudin18 (CLDN18) belongs to the large claudin family of proteins, which form tight junction strands in epithelial cells. CLDN18 is specifically expressed in the stomach and lung. CLDN18 has two alternatively spliced variants, CLDN18.1 and CLDN18.2. Isoform 2 (Claudin 18.2) is abundant in gastric tumors.

## Assay Data

### ELISA Data

#### Biotinylated Human Claudin 18.2 VLP ELISA



Immobilized Biotinylated Human Claudin18.2 VLP (100 $\mu\text{l}$ /well) on the streptavidin precoated plate (5 $\mu\text{g/ml}$ ). Dose response curve for Anti-Claudin 18.2 Antibody, hFc Tag with the EC<sub>50</sub> of 15.9ng/ml determined by ELISA.