

Claudin-18 Protein-VLP, Cynomolgus, Recombinant (His)

General Information

Synonyms:	CLDN18
Protein Construction:	1-261 aa
Species:	Cynomolgus
Expression Host:	HEK293 Cells
Accession:	A0A2K5VV62
Molecular Weight:	28.7 kDa (predicted)
AA Sequence:	MAVTACQGLGFVSLIGIAGIIAATCMDQWSTQDLYNNPVTAVFNYQGLWRSCVRESSGFTECRGYFTLLGLP AMLQAVRALMIVGIVLGAIGLLVSIFALKCIRIGSMEDSAKANMTLTSGIMFIVSGLCAIAGVSVFANMLVTNFW MSTANMYTGMGGMVQTVQTRYTFGAALFVGWVAGGLTLIGGVMMCIACRGLAPEETNYKAVSYHASGHSV AYKPGGFKASTGFGSNTKNKKTYDGGHAHTEDELQSYPSKHDYV

QC Testing

Biological Activity:	Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis CLDN18 at 5 µg/mL can bind Anti-CLDN18.2 recombinant Antibody, the EC 50 is 2.806-3.641 ng/mL.
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 µm filter, containing PBS, 6% Trehalose, pH 7.4

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 µg/mL. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Shipping:

In general, Lyophilized powders are shipping with blue ice. Solutions are shipping with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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