

Cynomolgus Claudin-6 Protein (VLP, Full-Length, Flag Tag)

Catalog Number: 91074-C25H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

Protein Construction:

A DNA sequence encoding the Cynomolgus Claudin-6-VLP (Full Length) (G7Q0B0) (Met1-Val220) was fused with a signal peptide at the N-terminus and a flag tag at the C-terminus. This protein was prepared using our VLP platform.

As an innovative technology platform, VLPs are generated through the self-assembly of viral proteins in HEK293 cells. This process efficiently integrates membrane proteins onto the VLP surface, preserving their native conformation and yielding soluble, high-concentration proteins that are ideally suited for immunization and antibody screening.

Source: Cynomolgus

Expression Host: HEK293 Cells

QC Testing

Purity:

Bio-Activity:

Immobilized Recombinant Cynomolgus Claudin-6 Protein (VLP, Full-Length, Flag Tag) (Cat: 91074-C25H) at 5 µg/mL (100 µL/well) can bind Anti-Claudin 6 (Research Grade Clone 202010370074X-64H), the EC50 is 0.5-5 ng/mL (QC tested).

Endotoxin:

< 1.0 EU per µg protein as determined by the LAL method.

Predicted N terminal: Met 1

Molecular Mass:

The recombinant Cynomolgus Claudin-6-VLP comprises 233 amino acids and has a predicted molecular mass of 24.63 kDa.

Formulation:

Supplied as sterile 50 mM Hepes, 150 mM NaCl, 10% Trehalose, pH 7.2.

Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Stability & Storage:

Samples are stable for twelve months from date of receipt at -20°C to -80°C.

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE: