

Cynomolgus Claudin 6 Protein-VLP

Cat. No. CLD-CM006



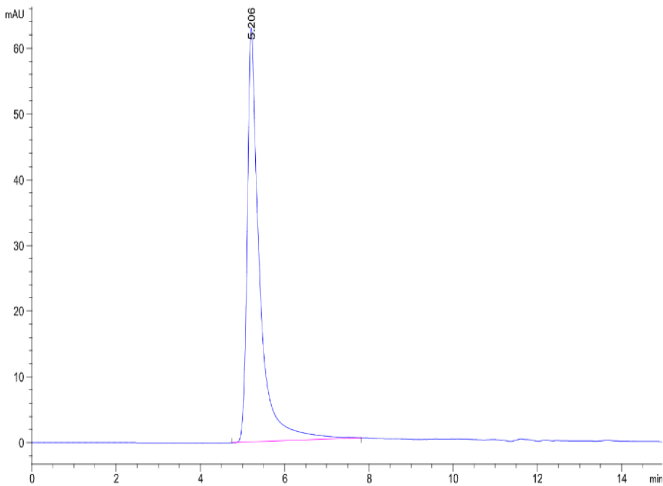
| Description      |                                                                                                                                                        |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Source           | Recombinant Cynomolgus Claudin 6 Protein-VLP is expressed from HEK293.<br>It contains Met1-Val220 (It may have cross reaction with anti-His antibody). |
| Accession        | G7Q0B0                                                                                                                                                 |
| Molecular Weight | The target protein has a predicted MW of 24.60 kDa.                                                                                                    |
| Endotoxin        | Less than 1 EU per µg by the LAL method.                                                                                                               |
| Purity           | > 95% as determined by HPLC                                                                                                                            |

| Formulation and Storage |                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Formulation             | Supplied as 0.22 µm filtered solution in PBS, 300 mM L-Arginine (pH 7.4). Notice: If you need it for immunization, water-soluble adjuvant is recommended.                        |
| Storage                 | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

| Background                                                                                                                                                                                                                                                                                                                |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Claudin-6 is a multipass transmembrane protein in the Claudin family. Claudin-6 is expressed by epithelial cells where it participates in tissue development and the maintenance of tight junction integrity. Human Claudin-6 shares 88% and 86% amino acid sequence identity with mouse and rat Claudin-6, respectively. |  |

Assay Data

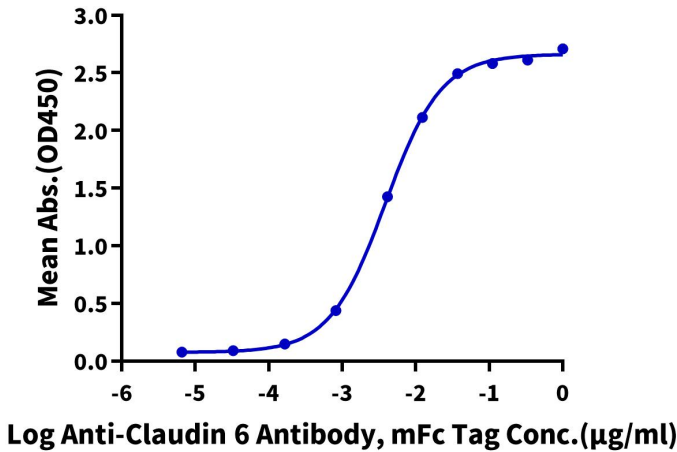
SEC-HPLC



The purity of Cynomolgus Claudin 6 VLP is greater than 95% as determined by SEC-HPLC.

ELISA Data

Cynomolgus Claudin 6 VLP ELISA  
0.5µg Cynomolgus Claudin 6 VLP Per Well



Immobilized Cynomolgus Claudin 6 VLP at 5 µg/ml (100 µl/Well) on the plate. Dose response curve for Anti-Claudin 6 Antibody, mFc Tag with the EC50 of 4 ng/ml determined by ELISA (QC Test).