



# Certificate of Analysis

## Claudin-6/CLDN6 Protein-VLP, Human (HEK293, solution)

Cat. No.:	HY-P77899
Batch No.:	346509
Species:	Human
Source:	HEK293
Tag:	Tag Free
Accession:	P56747 (M1-V220)
Gene ID:	9074
Molecular Weight:	Approximately 24.5 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by HPLC.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	1.Immobilized Human Claudin 6 VLP at 5 μg/mL(100 μl/Well). Dose response curve for AntiClaudin 6 Antibody, mFc Tag with the EC <sub>50</sub> of ≤5.5 ng/mL determined by ELISA. 2.Human Claudin 6 VLP immobilized on CM5 Chip can bind Anti-Claudin 6 Antibody with an affinity constant of 0.26 nM as determined in SPR assay (Biacore T200).	2.5 ng/mL (Test by method 1) 0.26 nM (Test by method 2)
Appearance	Solution	
Concentration	0.6 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

**Caution: Product has not been fully validated for medical applications. For research use only.**

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