



# Certificate of Analysis

## Claudin-18/CLDN18.2 Protein-VLP, Human (Biotinylated, HEK293)

Cat. No.:	HY-P78105
Batch No.:	346519
Species:	Human
Source:	HEK293
Tag:	Tag Free
Accession:	P56856-2 (M1-V261)
Gene ID:	51208
Molecular Weight:	Approximately 29 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	Biotinylated Human Claudin18.2 VLP captured captured on CM5 Chip via Streptavidin can bind Anti-Claudin18.2 Antibody with an affinity constant of 1.28 nM as determined in SPR assay (Biacore T200).	PASS
Appearance	Solution	
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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA