



Certificate of Analysis

Claudin-4/CLDN4 Protein-VLP, Human (HEK293, His)

Cat. No.: HY-P700405
 Batch No.: 407889
 Species: Human
 Source: HEK293
 Tag: C-10*His
 Accession: 014493 (M1-V209)
 Gene ID: 1364
 Molecular Weight: 23.4 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human CLDN4 at 5 μg/mL can bind Anti-CLDN4 recombinant antibody, the EC50 is ≤10 ng/mL.	4.413-7.804 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

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

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