

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

Cat. No.:	HY-P700405
Synonyms:	CLDN4; claudin 4; CPETR, CPETR1; claudin-4; Clostridium perfringens enterotoxin receptor 1; CPE R; hCPE R; WBSCR8; Williams Beuren syndrome chromosomal region 8 protein;
Species:	Human
Source:	HEK293
Accession:	O14493 (M1-V209)
Gene ID:	1364
Molecular Weight:	23.4 kDa

PROPERTIES

AA Sequence	<pre> M A S M G L Q V M G I A L A V L G W L A V M L C C A L P M W R V T A F I G S N I V T S Q T I W E G L W M N C V V Q S T G Q M Q C K V Y D S L L A L P Q D L Q A A R A L V I I S I I V A A L G V L L S V V G G K C T N C L E D E S A K A K T M I V A G V V F L L A G L M V I V P V S W T A H N I I Q D F Y N P L V A S G Q K R E M G A S L Y V G W A A S G L L L L G G G L L C C N C P P R T D K P Y S A K Y S A A R S A A A S N Y V </pre>
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.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, 6% Trehalose, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
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.

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