

Claudin-4 Recombinant Protein | CLDN4 recombinant protein

Recombinant Human Claudin-4

CATALOG # AAA38928	HOST E Coli	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

Claudin-4; Recombinant Human Claudin-4; CLDN4 Human; Claudin-4 Human Recombinant; Claudin 4; CPE-R; CPE-receptor; Clostridium perfringens enterotoxin receptor 1; WBSCR8; Williams-Beuren syndrome chromosomal region 8 protein; CPETR1; CLDN4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE
Form/Format	Filtered (0.4 um) and lyophilized from 0.5 mg/ml in 0.05M Acetate buffer pH-4. Filtered White lyophilized (freeze-dried) powder.
Sequence	MKHHHHHHAS MW RVTAFIGSNI VTSQTIWEGL WMNCVVQSTG QMQCKVYDSL LALPQDLQAA RLEVLFGGPT AHNIIQDFYN PLVASGQKRE MMWRVTAFIG SNIVTSQTIW EGLWMNCVVQ STGQMCKKVY DSSLALPQDL QAARLEVLFG GPTAHNIIQD FYNPLVASGQ KREM
Sequence Length	209
Applicable Applications for CLDN4 recombinant protein	ELISA, WB (Western Blot)
Solubility	It is recommended to add 0.1M Acetate buffer pH4 to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10ug/ml. In higher concentrations the solubility of this antigen is limited. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Preparation and Storage	Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

ADDITIONAL INFORMATION

Related Product Information for CLDN4 recombinant protein	The CLDN4 Protein Human is produced in E. coli, and its molecular weight is 10.63 kDa. The protein containing 93 amino acid residues of the human CLDN4, 10 amino acid N-Terminal HisTag residues and 8 additional amino acid PreScission protease cleavage site. The protein is a fusion protein consisting of two extracellular domains of claudin-4 linked together with the PreScission protease LEVLFGGP cleavage site.
Product Categories/Family for CLDN4 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502877
NCBI GeneID	1364
NCBI Accession #	NP_001296.1
NCBI GenBank Nucleotide #	NM_001305.4
UniProt Accession #	O14493

NCBI Official Full Name	claudin-4
NCBI Official Synonym Full Names	claudin 4
NCBI Official Symbol	CLDN4
NCBI Official Synonym Symbols	CPER; CPE-R; CPETR; CPETR1; WBSCR8; hCPE-R
NCBI Protein Information	claudin-4; CPE-receptor; Clostridium perfringens enterotoxin receptor 1; Williams-Beuren syndrome chromosomal region 8 protein
UniProt Protein Name	Claudin-4
UniProt Gene Name	CLDN4
UniProt Synonym Gene Names	CPER; CPETR1; WBSCR8; CPE-R; CPE-receptor
UniProt Entry Name	CLD4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cldn4-recombinant-protein-e-coli-elisa-wb-western-blot/38928>