

Claudin-6(CLDN6)-Detergent Recombinant Protein | CLDN6 recombinant protein

Recombinant Human Claudin-6(CLDN6)-Detergent (Active)

CATALOG # AAA279395	HOST Mammalian cell
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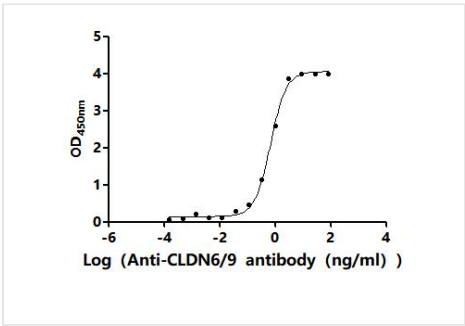
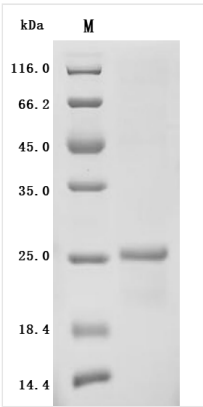
PRODUCT SYNONYMS

Claudin-6(CLDN6)-Detergent; Recombinant Human Claudin-6(CLDN6)-Detergent (Active); UNQ757; PRO1488; CLDN6 recombinant protein

PRODUCT SPECIFICATIONS

Host	Mammalian cell
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Liquid. 50 mM HEPES, 0.15 M NaCl, 0.05% DDM, 0.01% CHS, pH7.5
Sequence	ASAGMQILGV VLTLLGWVNG LVSCALPMWK VTAFIGNSIV VAQVVWEGWLW MSCVVQSTGQ MQCKVYDSLL ALPQDLQAAR ALCVIALVA LFGLLVYLAG AKCTTCVEEK DSKARLVLTG GIVFVISGVL TLIPVCWTAH AIIRDFYNPL VAEAQKRELG ASLYLGWAAS GLLLLGGGLL CCTCPSGGSQ GPSHYMARYS TSAPAIRGRP SEYPTKNYV
Sequence Length	2-220aa; Partial
Species	Homo sapiens (Human)
Tag	N-terminal 10xHis-tagged and C-terminal Twin-Strep-tagged
Transmembrane Domain	4TM
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human CLDN6 at 2ug/mL on an Nickel Coated plate can bind Anti-CLDN6/9 recombinant antibody . The EC50 is 0.6949-1.158ng/mL.
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



Bioactivity

SDS-PAGE
Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Related Product Information for CLDN6 recombinant protein	Plays a major role in tight junction-specific obliteration of the intercellular space.(Microbial infection) Acts as a receptor for hepatitis C virus (HCV) entry into hepatic cells.
Product Categories/Family for CLDN6 recombinant protein	Cancer
References	"The secreted protein discovery initiative (SPDI), a large-scale effort to identify novel human secreted and transmembrane proteins: a bioinformatics assessment."Clark H.F., Gurney A.L., Abaya E., Baker K., Baldwin D.T., Brush J., Chen J., Chow B., Chui C., Gray A.M.Genome Res. 13:2265-2270 (2003)"Complete sequencing and characterization of 21,243 full-length human cDNAs."Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R., Wakamatsu A., Hayashi K., Sato H., Sugano S.Nat. Genet. 36:40-45 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	153792768
NCBI GeneID	9074
NCBI Accession #	NP_067018.2
NCBI GenBank Nucleotide #	NM_021195.4
UniProt Accession #	P56747; B3KQP9; D3DUA5
Molecular Weight	23,292 Da
NCBI Official Full Name	claudin-6
NCBI Official Synonym Full Names	claudin 6
NCBI Official Symbol	CLDN6
NCBI Protein Information	claudin-6; skullin
UniProt Protein Name	Claudin-6
UniProt Gene Name	CLDN6
UniProt Entry Name	CLD6_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.

