

Recombinant Full Length Human CLDN6 Protein, GST-tagged

Cat. No. CLDN6-2060HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CLDN6 full-length ORF (NP_067018.1, 1 a.a. - 220 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	220 amino acids
Description	Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. These junctions are comprised of sets of continuous networking strands in the outwardly facing cytoplasmic leaflet, with complementary grooves in the inwardly facing extracytoplasmic leaflet. This gene encodes a component of tight junction strands, which is a member of the claudin family. The protein is an integral membrane protein and is one of the entry cofactors for hepatitis C virus. The gene methylation may be involved in esophageal tumorigenesis. This gene is adjacent to another family member CLDN9 on chromosome 16.[provided by RefSeq, Aug 2010]
Molecular Mass	49.7 kDa
AA Sequence	MASAGMQILGVVLTLLGWVNGLVSCALPMWKVTAFIGNSIVVAQVVWEGLWMSCV VQSTGQMCKVYDSLLALPQDLQAARALCVIALLVALFGLLVYLAGAKCTTCVEEKD SKARLVLTSGIVFVISGVLTLIPVCWTAHAVIRDFYNPLVAEAQKRELGASLYLGWAA

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SGLLLLGGGLLCCTCPSGGSQGPHYMARYSTSAPAI SRGPSEYPTKNYV

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

CLDN6 claudin 6 [Homo sapiens]

Official Symbol

CLDN6

Synonyms

CLDN6; claudin 6; claudin-6; skullin

Gene ID

9074

mRNA Refseq

NM_021195

Protein Refseq

NP_067018

MIM

615798

UniProt ID

P56747

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