

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 VQSTGQMCKVYDSSLALPQDLQAARALCVIALLVALFGLLVYLAGAKCTTCVEEKD SKARLVLTSGIVFVISGVLTLIPVCWTAHAVIRDFYNPLVAEAQKRELGASLYLGWAA |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SGLLLLGGGLLCCTCPSGGSQGPSHYMARYSTSAPAI 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA