

Recombinant Full Length Human CLDN5 Protein, GST-tagged

Cat. No. CLDN5-640HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CLDN5(1 a.a. - 218 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	218 amino acids
Description	This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets. Mutations in this gene have been found in patients with velocardiofacial syndrome. Alternatively spliced transcript variants encoding the same protein have been found for this gene.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	49.5 kDa
AA Sequence	MGSAALEILG LVLCLVGWGG LILACGLPMW QVTAFLDHNI VTAQTTWKGL WMSCVVQSTG HMQCKVYDSV LALSTEVQAA RALTVSAVLL AFVALFVTLA GAQCTTCVAP GPAKARVALT GGVLYLFCGL LALVPLCWFA NIVVREFYDP SVPVSQKYEL GAALYIGWAA TALLMVGGL LCCGAWVCTG RPDLSFPVKY SAPRRPTATG DYDKKNYV

 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

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

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

GENE INFORMATION

Gene Name CLDN5 claudin 5 [Homo sapiens]

Official Symbol CLDN5

Synonyms CLDN5; claudin 5; AWAL, TMVCF, transmembrane protein deleted in velocardiofacial syndrome; claudin-5; BEC1; CPETRL1; TMDVCF; transmembrane protein deleted in VCFS; transmembrane protein deleted in velocardiofacial syndrome; AWAL; TMVCF

Gene ID 7122

mRNA Refseq NM_003277

Protein Refseq NP_003268

MIM 602101

UniProt ID O00501

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