

Recombinant Human CLDN9 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CLDN9-1074H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CLDN9 MS Standard C13 and N15-labeled recombinant protein (NP_066192) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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, and also play critical roles in maintaining cell polarity and signal transductions. This protein is one of the entry cofactors for hepatitis C virus. Mouse studies revealed that this gene is required for the preservation of sensory cells in the hearing organ and the gene deficiency is associated with deafness.
Molecular Mass	22.8 kDa
AA Sequence	MASTGLELLGMTLAVLGWLGTLVSCALPLWKVTAFIGNSIVVAQVWWEGLWMSCVV QSTGQMCKVYDSLALPQDLQAARALCVIALLLALLGLLVAITGAQCTTCVEDEGA KARIVLTAGVILLLAGILVLIPVCWTAHAIQDFYNPLVAEALKRELGASLYLGWAAAAL LMLGGGLLCCTCPPPQVERPRGPRLGYSIPSRSGASGLDKRDYVTRTRPLEQKLISE EDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

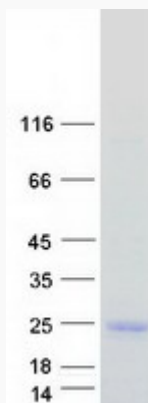
GENE INFORMATION

Gene Name	CLDN9 claudin 9 [Homo sapiens (human)]
Official Symbol	CLDN9
Synonyms	CLDN9; claudin 9; DFNB116
Gene ID	9080
mRNA Refseq	NM_020982
Protein Refseq	NP_066192
MIM	615799
UniProt ID	O95484

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SDS-PAGE

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