

Recombinant Human CLDN10 cell lysate

Cat. No. CLDN10-362HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
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. Multiple transcript variants encoding different isoforms have been found for this gene.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	CLDN10 claudin 10 [Homo sapiens]
Official Symbol	CLDN10
Synonyms	CLDN10; claudin 10; claudin-10; CPETRL3; OSP L; OSP-like protein; OSP-L;
Gene ID	9071

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mRNA Refseq	NM_001160100
Protein Refseq	NP_001153572
UniProt ID	P78369
Chromosome Location	13q31-q34
Pathway	Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem; Hepatitis C, organism-specific biosystem; Hepatitis C, conserved biosystem;
Function	identical protein binding; structural molecule activity;

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