

Recombinant Human CLDN24 Protein, MYC/DDK-tagged

Cat. No. CLDN24-3243H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLDN24 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
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. The protein encoded by this gene is 75% identical to the mouse homolog. This gene is upstream of the CLDN22 gene, which overlaps the WWC2 gene on the opposite strand in the genome.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	24.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	CLDN24 claudin 24 [Homo sapiens]
Official Symbol	CLDN24
Synonyms	CLDN21; CLDN21
Gene ID	100132463
mRNA Refseq	NM_001185149.1
Protein Refseq	NP_001172078

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