

Recombinant Human CLDN22 Protein, MYC/DDK-tagged

Cat. No. CLDN22-3244H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLDN22 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. This gene is intronless and overlaps the 3' UTR of the WWC2 gene (GeneID: 80014) on the opposite strand.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	24.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	CLDN22 claudin 22 [Homo sapiens]
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Official Symbol	CLDN22
Synonyms	CLDN21; CLDN21
Gene ID	53842
mRNA Refseq	NM_001111319
Protein Refseq	NP_001104789
UniProt ID	Q8N7P3

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