

Recombinant Human CLDN19 Protein, MYC/DDK-tagged

Cat. No. CLDN19-3245H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLDN19 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	<p>The product of this gene belongs to the claudin family. It plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity. Defects in this gene are the cause of hypomagnesemia renal with ocular involvement (HOMGO). HOMGO is a progressive renal disease characterized by primary renal magnesium wasting with hypomagnesemia, hypercalciuria and nephrocalcinosis associated with severe ocular abnormalities such as bilateral chorioretinal scars, macular colobomata, significant myopia and nystagmus. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene.</p>
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	21.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name CLDN19 claudin 19 [Homo sapiens]

Official Symbol CLDN19

Synonyms HOMG5; HOMG5

Gene ID 30063

mRNA Refseq NM_001123395.1

Protein Refseq NP_001116867.1

MIM 610036

UniProt ID Q8N6F1

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