

Recombinant Full Length Human CLDN24 Protein, C-Flag-tagged

Cat. No. CLDN24-189HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CLDN24 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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
AA Sequence	MALIFRTAMQSVGLLLSLLGWILSIITTYLPHWKNLNLNEMENWTMGLWQTCVIE EVGMQCKDFDSF LALPAELRVSRILMFLSNGLGFLGLLVSGFGLDCLRIGESQRDLK RRLLILGGILSWASGITALVPVSWV AHKTVQEFWDENVPDFVPRWEFGALFLGW AGLSLLGGCLLNCAACSSHAPLALGHYAVAQMQTQCPY LEDGTADPQVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

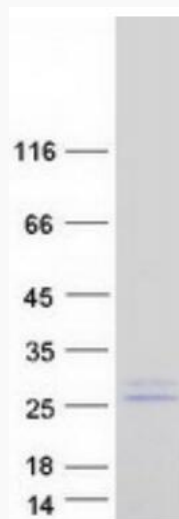
GENE INFORMATION

Gene Name	CLDN24 claudin 24 [Homo sapiens (human)]
Official Symbol	CLDN24
Synonyms	CLDN21
Gene ID	100132463
mRNA Refseq	NM_001185149.1
Protein Refseq	NP_001172078.1
UniProt ID	A6NM45

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Coomassie blue staining of purified CLDN24 protein.

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