Recombinant Human CLDN22 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. CLDN22-142H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CLDN22 MS Standard C13 and N15-labeled recombinant protein (NP_001104789) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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.
Molecular Mass	24.3 kDa
AA Sequence	MALVFRTVAQLAGVSLSLLGWVLSCLTNYLPHWKNLNLDLNEMENWTMGLWQTCV IQEEVGMQCKDFDSFLALPAELRVSRILMFLSNGLGFLGLLVSGFGLDCLRIGESQR DLKRRLLILGGILSWASGVTALVPVSWVAHKTVQEFWDENVPDFVPRWEFGEALFL GWFAGLSLLLGGCLLHCAACSSHAPLASGHYAVAQTQDHHQELETRNTNLKHTRTR PLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CLDN22 claudin 22 [Homo sapiens (human)]
Official Symbol	CLDN22
Synonyms	CLDN22; claudin 22; CLDN21; claudin-22
Gene ID	53842
mRNA Refseq	NM_001111319
Protein Refseq	NP_001104789
UniProt ID	Q8N7P3
SDS-PAGE	

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