

Recombinant Human CLDN2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CLDN2-1091H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CLDN2 MS Standard C13 and N15-labeled recombinant protein (NP_065117) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene product belongs to the claudin protein family whose members have been identified as major integral membrane proteins localized exclusively at tight junctions. Claudins are expressed in an organ-specific manner and regulate tissue-specific physiologic properties of tight junctions. This protein is expressed in the intestine. Alternatively spliced transcript variants with different 5' untranslated region have been found for this gene.
Molecular Mass	24.5 kDa
AA Sequence	MASLGLQLVGILGLLGLLGTLVAMLLPSWKTSSYVGASIVTAVGFSKGLWMECATH STGITQCDIYSTLLGLPADIQAAQAMMVTSSAIISSLACIISVVGMRCTVFCQESRAKD RVAVAGGVFFILGLLGFIPVAWNHLHGILRDFYSPLVPDSMKFEIGEALYLGIISSLFSL IAGIILCFSCSSQRNRSNYDAYQAQPLATRSSPRPGQPPKVKSEFNSSYSLTGYVTR TRPLEQKLISEEDLAANDILDYKDDDDKV
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.

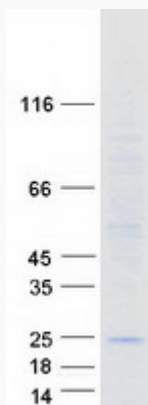
GENE INFORMATION

Gene Name	CLDN2 claudin 2 [Homo sapiens (human)]
Official Symbol	CLDN2
Synonyms	CLDN2; claudin 2; claudin-2; SP82
Gene ID	9075
mRNA Refseq	NM_020384
Protein Refseq	NP_065117
MIM	300520
UniProt ID	P57739

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SDS-PAGE

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