

# 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

MALVFRTVAQLAGVLSLLGWVLSCLTNYLPHWKLNLDLNEMENWTMGLWQTCV  
IQEEVGMQCKDFDSFLALPAELRVSRILMFLSNGLGFLGLLVSGFGLDCLRIGESQR  
DLKRRLILGGILSWASGVTALVPVSWVAHKTVQEFWDENVPDFVPRWEFGALFL  
GWFAGLSLLLGGCLLHCAACSSHAPLASGHYAVAQTQDHHQELETRNTNLKHTRTR  
PLEQKLISEEDLAANDILDYKDDDDKV

### Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CLDN22 claudin 22 [ Homo sapiens (human) ]
<b>Official Symbol</b>	CLDN22
<b>Synonyms</b>	CLDN22; claudin 22; CLDN21; claudin-22
<b>Gene ID</b>	53842
<b>mRNA Refseq</b>	NM_001111319
<b>Protein Refseq</b>	NP_001104789
<b>UniProt ID</b>	Q8N7P3
<b>SDS-PAGE</b>	

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA