

Recombinant Human CLDN18 protein, His-tagged

Cat. No. CLDN18-856H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Claudin 18.2 is expressed from E.coli with a 6-His tag at the C-terminal. It contains Met27-Arg80 & Val136-Ala 184.
Species	Human
Source	E.coli
ProteinLength	Met27-Arg80 & Val136-Ala 184
Description	Claudin18(CLDN18) belongs to the large claudin family of proteins, which form tight junction strands in epithelial cells. CLDN18 is specifically expressed in the stomach and lung. CLDN18 has two alternatively spliced variants,CLDN18.1 and CLDN18.2. Isoform 2 (Claudin 18.2) is abundant in gastric tumors.
Form	Supplied as 0.22um filtered solution in 10mM Na2CO3-NaHCO3 and 5% glycerol (pH 10.0).
Molecular Mass	The protein has a predicted MW of 31.6 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 1EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

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GENE INFORMATION

Gene Name	CLDN18 claudin 18 [Homo sapiens (human)]
Official Symbol	CLDN18
Synonyms	CLDN18, CLDN18.2, Claudin-18.2
Gene ID	51208
mRNA Refseq	NM_001002026.3
Protein Refseq	NP_001002026.1
MIM	609210
UniProt ID	P56856

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