Recombinant Full Length Human CLDN20 Protein, GST-tagged

Cat. No. CLDN20-2053HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CLDN20 full-length ORF (AAH20838, 1 a.a. - 219 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	219 amino acids
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. [provided by RefSeq, Jun 2010]
Molecular Mass	49.83 kDa
AA Sequence	MASAGLQLLAFILALSGVSGVLTATLLPNWKVNVDVDSNIITAIVQLHGLWMDCTWYS TGMFSCALKHSILSLPIHVQAARATMVLACVLSALGICTSTVGMKCTRLGGDRETKS HASFAGGVCFMSAGISSLISTVWYTKEIIANFLDLTVPESNKHEPGGAIYIGFISAMLLF ISGMIFCTSCIKRNPEARLDPPTQQPISNTQLENNSTHNLKDYV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CLDN20 claudin 20 [Homo sapiens]
Official Symbol	CLDN20
Synonyms	CLDN20; claudin 20; claudin-20
Gene ID	49861
mRNA Refseq	NM_001001346
Protein Refseq	NP_001001346
UniProt ID	P56880

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