

CLDN18.2/Claudin-18 A2 Recombinant Protein | CLDN18.2 recombinant protein

Recombinant Human CLDN18.2/Claudin-18 A2 Protein (His Tag)

CATALOG #
AAA22135

HOST
E.coli

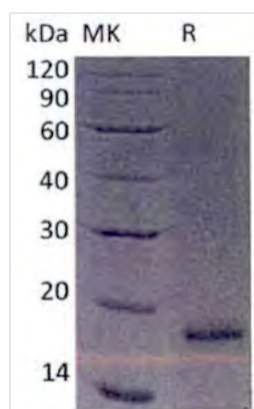
PRODUCT SYNONYMS

CLDN18.2/Claudin-18 A2; Recombinant Human CLDN18.2/Claudin-18 A2 Protein (His Tag); Claudin-18; CLDN18; CLDN18.2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95% as determined by reducing SDS-PAGE.
Form/Format	Supplied as a 0.2 um filtered solution of 25mM Tris-HCl, 25mM NaCl, 0.1% Triton X-100,10% glycerol, 0.1mM GSH, 0.01mM GsSG, pH 8.0
Concentration	1.4 mg/mL (varies by lot)
Sequence	Asp28-Leu7 6
Species	Human
Endotoxin	<1.0 EU per ug of the protein as determined by the LAL method.
Tag	N-His
Preparation and Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles. This product is provided as liquid. Upon receipt, store it immediately at<-20°C.

IMAGES



SDS-PAGE

> 95% as determined by reducing SDS-PAGE.

ADDITIONAL INFORMATION

Related Product Information for CLDN18.2 recombinant protein	Claudin-18(CLDN18) is a protein that in humans is encoded by the CLDN18 gene. It belongs to the group of claudins. CLDN18 belongs to the large claudin family of proteins, which form tight junction strands in epithelial cells. CLDN18 plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent celladhesion activity. CLDN18 has two isoform A1 and isoform A2. IMAB362 (Claudiximab) is a monoclonal antibody against isoform 2 of Claudin-18. It is under investigation for the treatment of gastrointestinal adenocarcinomas and pancreatic tumors. IMAB362 was developed by Ganymed Pharmaceuticals AG.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50345279
NCBI GeneID	51208
NCBI Accession #	NP_001002026.1
NCBI GenBank Nucleotide #	NP_001002026.1
UniProt Accession #	P56856-2; P56856
Molecular Weight	Mol Mass: 19.7 kDa AP Mol Mass: 18 kDa
NCBI Official Full Name	claudin-18 isoform 2
NCBI Official Synonym Full Names	claudin 18
NCBI Official Symbol	CLDN18
NCBI Official Synonym Symbols	SFTA5; SFTPJ
NCBI Protein Information	claudin-18
UniProt Protein Name	Claudin-18
UniProt Gene Name	CLDN18
UniProt Entry Name	CLD18_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.