

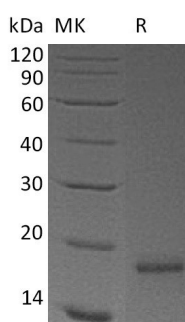
Product Name: Recombinant Human Claudin-18.2 (N-8His)
Catalog #: PEH2010



Summary

Name	CLDN18.2/Claudin 18.2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human CLDN18.2 is produced by our E.coli expression system and the target gene encoding Asp28-Leu76 is expressed with a 8His tag at the N-terminus.
Accession #	P56856-2
Host	E.coli
Species	Human
Predicted Molecular Mass	19.7 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 25mM Tris-HCl, 25mM NaCl, 0.1% Triton X-100, 10% glycerol, 0.1mM GSH, 0.01mM GSSG, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names Claudin-18; CLDN18

Background 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

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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 cell-adhesion 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.

Note

For Research Use Only , Not for Diagnostic Use.