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Product Datasheet

Recombinant Human Claudin-18.2 (N-8His) EBT-EPT068

Article Name	Recombinant Human Claudin-18.2 (N-8His)
Biozol Catalog Number	EBT-EPT068
Supplier Catalog Number	EPT068
Alternative Catalog Number	EBT-EPT068-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	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....
Molecular Weight	Molecular weight: 19.7 KDa. Apparent molecular weight: 18 KDa, reducing conditions
UniProt	P56856
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Application Notes	<p>Endotoxin: Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.</p> <p>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 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</p>