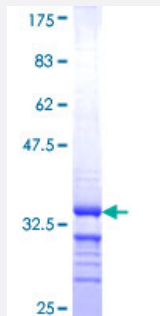


CLDN18 (Human) Recombinant Protein (Q01)

Catalog # H00051208-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CLDN18 partial ORF (NP_057453, 196 a.a. - 261 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	CRGLAPEETNYKAVSYHASGHSVAYKPGGFKASTGFGSNTKNKKIYDGGARTEDEVQSYPSKHDYV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33
Interspecies Antigen Sequence	Mouse (82); Rat (89)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CLDN18

Entrez GeneID	51208
GeneBank Accession#	NM_016369
Protein Accession#	NP_057453
Gene Name	CLDN18
Gene Alias	SFTA5, SFTPJ
Gene Description	claudin 18
Omim ID	609210
Gene Ontology	Hyperlink
Gene Summary	CLDN18 belongs to the large claudin family of proteins, which form tight junction strands in epithelial cells (Niimi et al., 2001 [PubMed 11585919]).[supplied by OMIM]
Other Designations	surfactant associated 5 surfactant associated protein J surfactant, pulmonary associated protein J

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)
- [Tight junction](#)