

Proteoliposomes

Full-Length

CLDN18 (Human) Recombinant Protein

Catalog # H00051208-G01

Size 10 ug

Specification

Product Description

Human CLDN18 full-length ORF (NP_057453.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MSTTTCQVVAFLLSILGLAGCIAATGMDMWSTQDLYDNPVTSVFQYEGLRSCVRQSSGFTECR
PYFTILGLPAMLQAVRALMIVGMLGAIGLLVSIFALKCIRIGSMEDSAKANMTLTSGIMFIVSGLCAIAG
VSVFANMLVTNFWMSTANMYTGMGGMVQTVQTRYTFGAALFVGWVAGGLTLIGGVMMCIACRGL
APEETNYKAVSYHASGHSVAYKPGGFKASTGFGSNTKNKKIYDGGARTEDEVQSYPSKHDYV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

27.9

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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

- Antibody Production

Gene Info — CLDN18

Entrez GeneID	51208
GeneBank Accession#	NM_016369.3
Protein Accession#	NP_057453.1
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](#)