

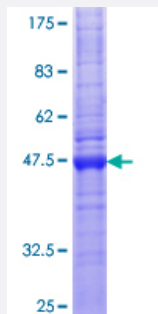
Full-Length

CLDN12 (Human) Recombinant Protein (P01)

Catalog # H00009069-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CLDN12 full-length ORF (AAH36754.1, 1 a.a. - 244 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGCRDVHAATVLSFLCGIASVAGLFAGTLLPNWRKLRITFNRNEKNLTVYTGLWVKARYDGSS DCLMYDTTWYSSVDQLDLRVLQFALPLSMLIAMGALLLCLIGMCNTAFRSSVPNIKAKCLVNSAG CHLVAGLLFFLAGTVSLSPSMVIFYNIHLNKKFEPVFSFDYAVVVTIASAGGLFMTSLILFIWYCTCK SLPSPFWQPLYSHPPSMHTYSQPYSARSRLSAIEDIPVVSHTT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	52.58
Interspecies Antigen Sequence	Mouse (91); Rat (92)
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 — CLDN12

Entrez GeneID [9069](#)**GeneBank Accession#** [BC036754](#)**Protein Accession#** [AAH36754.1](#)**Gene Name** CLDN12**Gene Alias** -**Gene Description** claudin 12**Gene Ontology** [Hyperlink](#)

Gene Summary Claudins, such as CLDN12, are components of epithelial cell tight junctions. Tight junctions regulate movement of solutes and ions through the paracellular space and prevent mixing of proteins and lipids in the outer leaflet of the apical and basolateral plasma membrane domains (Acharya et al., 2004).[supplied by OMIM]

Other Designations OTTHUMP00000067944