

Recombinant Human CLDN2 Protein, His-tagged

Cat. No. CLDN2-11293H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLDN2 Protein(184-230 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	184-230 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	SCSSQRNRSNYYDAYQAQPLATRSSPRPGQPPKVKSEFNSSYSLTGYV
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



GENE INFORMATION

Gene Name CLDN2 claudin 2 [Homo sapiens]

Official Symbol CLDN2

Synonyms CLDN2; claudin 2; claudin-2; SP82;

Gene ID 9075

mRNA Refseq NM_001171092

Protein Refseq NP_001164563

MIM 300520

UniProt ID P57739

SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA