

Recombinant Human CLDN1 protein, His-tagged

Cat. No. CLDN1-11282H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLDN1 protein(O95832)(1-211 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-211 aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Molecular Mass	24.2 kDa
AASequence	MANAGLQLLGFI L AGLWIGAIVSTALPQWRIYSYAGDNIVTAQAMYEGLWMSCVSQ STGQIQCKVFD S LLNLSSTLQATRALMVVGILLGVIAIFVATVGMKCMKCLEDDEVQK MRMAVIGGAIFLLAGLAILVATAWYGNRIVQEFYDPMTPVNARYEFGQALFTGWAAA SLCLLGALLCCSCPRKTTSYPTPRPYPKPAPSSGKD Y V
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

 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

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name [CLDN1 claudin 1 \[Homo sapiens \]](#)

Official Symbol [CLDN1](#)

Synonyms CLDN1; claudin 1; claudin-1; ILVASC; SEMP1; senescence associated epithelial membrane protein 1; senescence-associated epithelial membrane protein 1; CLD1;

Gene ID [9076](#)

mRNA Refseq [NM_021101](#)

Protein Refseq [NP_066924](#)

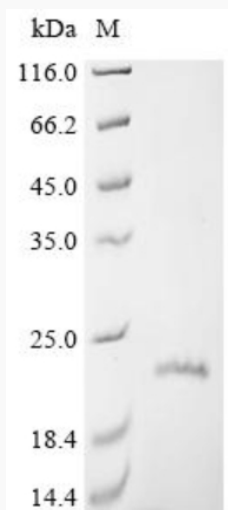
MIM [603718](#)

UniProt ID [O95832](#)

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SDS-PAGE

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