

Active Recombinant Human CLDN2 Full Length Transmembrane protein(Nanodisc)

Cat. No. CLDN2-2948H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLDN2 Full Length Transmembrane protein(P57739), was expressed in HEK293.
Species	Human
Source	HEK293
Form	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Bio-activity	Elisa plates were pre-coated with Flag Tag CLDN2-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with CLDN2-Nanodisc is 6.681ng/ml.
Molecular Mass	The human full length CLDN2 protein has a MW of 24.5 kDa.
Storage	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 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

Full Length Full L.**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](#) 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