

Active Recombinant Human CLDN5 Full Length Transmembrane protein(Nanodisc)

Cat. No. CLDN5-193H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLDN5 Full Length Transmembrane protein(O00501), 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 CLDN5-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 CLDN5-Nanodisc is 7.814ng/ml.
Molecular Mass	The human full length CLDN5 protein has a MW of 23.1 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.

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Full Length
Full L.

GENE INFORMATION

Gene Name [CLDN5 claudin 5 \[Homo sapiens \]](#)
Official Symbol [CLDN5](#)
Synonyms

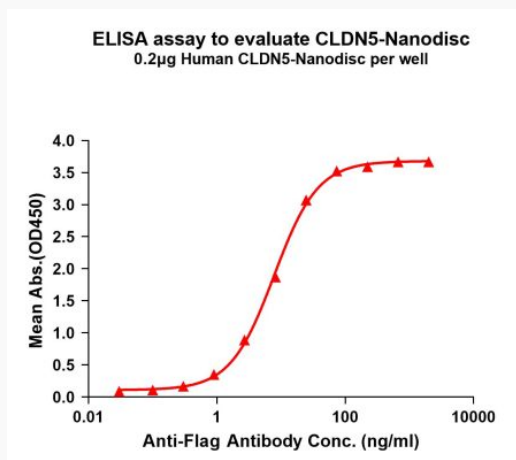
CLDN5; claudin 5; AWAL, TMVCF, transmembrane protein deleted in velocardiofacial syndrome; claudin-5; BEC1; CPETRL1; TMDVCF; transmembrane protein deleted in VCFS; transmembrane protein deleted in velocardiofacial syndrome; AWAL; TMVCF;

Gene ID [7122](#)
mRNA Refseq [NM_001130861](#)
Protein Refseq [NP_001124333](#)
MIM [602101](#)
UniProt ID [O00501](#)
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Activity



SDS-PAGE

