

## Active Recombinant Human CLDN4 Full Length Transmembrane protein, His-tagged(Nanodisc)

**Cat. No.** CLDN4-11H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human CLDN4 Full Length Transmembrane protein(Nanodisc)(O14493)(Met1-Val209) is expressed from HEK293 with His tag at the C-terminus.                                    |
| <b>Species</b>          | Human                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 1-209 aa                                                                                                                                                                                    |
| <b>Form</b>             | Supplied as 0.22 µm filtered solution in PBS, 200mM L-arginine (pH 7.4).                                                                                                                    |
| <b>Bio-activity</b>     | Immobilized Human Claudin 4 Nanodisc, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-Claudin 4 Antibody, hFc Tag with the EC50 of 0.52µg/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 23.31 kDa.                                                                                                                                                |
| <b>Endotoxin</b>        | Less than 1 EU per µg by the LAL method.                                                                                                                                                    |
| <b>Storage</b>          | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.            |

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**Concentration** 0.1-1.0 mg/mL. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** CLDN4 claudin 4 [ Homo sapiens ]

**Official Symbol** CLDN4

**Synonyms** CLDN4; claudin 4; CPETR, CPETR1; claudin-4; Clostridium perfringens enterotoxin receptor 1; CPE R; hCPE R; WBSCR8; Williams Beuren syndrome chromosomal region 8 protein; CPE-receptor; Williams-Beuren syndrome chromosomal region 8 protein; CPER; CPE-R; CPETR; CPETR1; hCPE-R;

**Gene ID** 1364

**mRNA Refseq** NM\_001305

**Protein Refseq** NP\_001296

**MIM** 602909

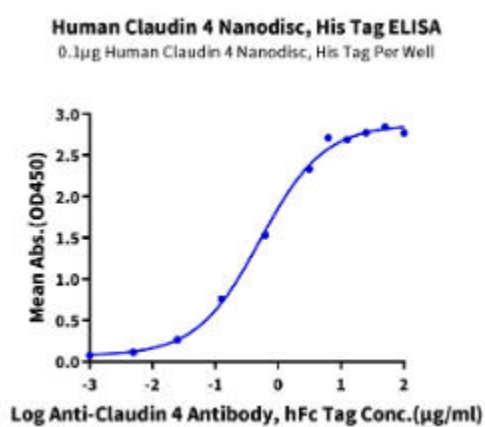
**UniProt ID** O14493

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## ELISA Data



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