

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

Cat. No. CLDN4-612H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Human CLDN4 Full Length Transmembrane protein(Nanodisc)(O14493)(Met1-Val209) is expressed from HEK293 with His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-209 aa
Conjugation/Label	Biotin
Form	Supplied as 0.22 µm filtered solution in PBS, 200mM L-arginine (pH 7.4).
Bio-activity	Immobilized Biotinylated Human Claudin 4 Nanodisc, His Tag at 5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-Claudin 4 Antibody, hFc Tag with the EC50 of 6.6ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 35.0 kDa.
Endotoxin	Less than 1 EU per µg by the LAL method.
Storage	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

 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

cycles.

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

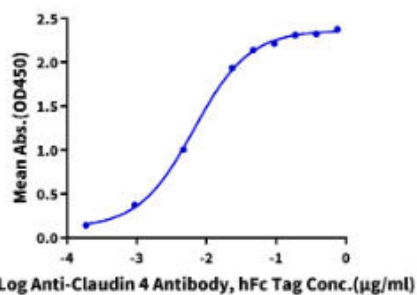
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ELISA Data

Biotinylated Human Claudin 4 Nanodisc, His Tag ELISA
0.5µg Biotinylated Human Claudin 4 Nanodisc, His Tag Per Well



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