Active Recombinant Human CLDN4 protein, His-Twin-Strep-tagged(Detergent)

Cat. No. CLDN4-256H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLDN4 protein(Met 1 - Val 209)(O14493-1) is expressed from Insect cells with His tag and twin strep tag.
Species	Human
Source	Insect Cells
ProteinLength	Met 1 - Val 209
Form	Supplied as 0.2 μm filtered solution in 50 mM Tris, 150 mM NaCl, DDM, CHS, pH7.5 with glycerol as protectant.
Bio-activity	Immobilized Human Claudin-4 Protein, His,Twin-Strep Tag at 1 μg/mL (100 μL/well) can bind Monoclonal Anti-Human Claudin 4 antibody, Human IgG1 with a linear range of 0.1-2 ng/mL.
Molecular Mass	The protein has a calculated MW of 27.5 kDa. The protein migrates as 23-24 kDa under reducing (R) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	This product is stable after storage at:

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	The product MUST be stored at -70°C or lower upon receipt; -70°C for 3 months under sterile conditions.
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.

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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