

Recombinant Full Length Human Claudin-4(Cldn4) Protein, His-Tagged

Cat. No. RFL9305HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Claudin-4(CLDN4) Protein (O14493) (1-209aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-209)
Form	Lyophilized powder
AA Sequence	MASMGQLQVMGIALAVLGWLAVMLCCALPMWRVTAFIGSNIVTSQTIWEGLWMNCVV QSTG QMQCKVYDSLLALPQDLQAARALVIISIIVAALGVLLSVVGGKCTNCLEDESAK AKTMIV AGVVFLLAGLMVIVPVSHTAHNIIQDFYNPLVASGQKREMGASLYVGWAA SGLLLLGGGL LCCNCPPTDKPYSAKYSAARSAAASNYV
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION**Gene Name**

CLDN4

Synonyms

CLDN4; CPER; CPETR1; WBSCR8; Claudin-4; Clostridium perfringens enterotoxin receptor; CPE-R; CPE-receptor; Williams-Beuren syndrome chromosomal region 8 protein

UniProt ID

[O14493](#)

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