

RPPB3191

Product Information Protein Information

Product SKU:

RPPB3191

Accession:

O14493

Host:

Escherichia Coli.

Protein description:

The CLDN4 Protein Human is produced in E. coli, and its molecular weight is 10.63 kDa. The protein containing 93 amino acid residues of the human CLDN4, 10 amino acid N-Terminal HisTag residues and 8 additional amino acid PreScission protease cleavage site. The protein is a fusion protein consisting of two extracellular domains of claudin-4 linked together with the PreScission protease LEVLFQGP cleavage site.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Claudin 4, CPE-R, CPE-receptor, Clostridium perfringens enterotoxin receptor 1, WBSCR8, Williams-Beuren syndrome chromosomal region 8 protein, CPETR1.

Formulation:

Filtered (0.4 µm) and lyophilized from 0.5 mg/ml in 0.05M Acetate buffer pH-4.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add 0.1M Acetate buffer pH4 to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10ug/ml. In higher concentrations the solubility of this antigen is limited. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

MKHHHHHHAS MWRVTAFIGS NIVTSQTIWE GLWMNCVVQS TGQMCKVYD SLLALPQDLQ AAR LEVLFQG
PTAHNIIQDF YNPLVASGQK REM MWRVTAFIGS NIVTSQTIWE GLWMNCVVQS TGQMCKVYD
SLLALPQDLQ AAR LEVLFQG PTAHNIIQDF YNPLVASGQK REM.