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32-18118: Recombinant Human CLDN3(144-156) Protein, mFc Tag

Uniprot ID : O15551
Alternative Name : C7orf1; CPE-R2; CPETR2; HRVP1; RVP1

Description

Molecular Characterization: CLDN3(Arg144-Lys156) mFc(Pro99-Lys330)
Molecular weight: The protein has a predicted molecular mass of 27.8 kDa after removal of the signal peptide. The apparent molecular mass of CLDN3(144-156)-mFc is approximately 25-35 kDa due to glycosylation.
Description: Recombinant human CLDN3(144-156) Protein with C-terminal mouse Fc tag
Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. These junctions are comprised of sets of continuous networking strands in the outwardly facing cytoplasmic leaflet, with complementary grooves in the inwardly facing extracytoplasmic leaflet. The protein encoded by this intronless gene, a member of the claudin family, is an integral membrane protein and a component of tight junction strands. It is also a low-affinity receptor for Clostridium perfringens enterotoxin, and shares aa sequence similarity with a putative apoptosis-related protein found in rat.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.