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32-18164: Recombinant Human CLDN6(138-160) Protein, hFc Tag

Uniprot ID : P56747
Alternative Name : Claudin-6; Skullin

Description

Molecular Characterization: hFc(Glu99-Ala330) CLDN6(Trp138-Leu160)
Molecular weight: The protein has a predicted molecular mass of 31.2 kDa after removal of the signal peptide. The apparent molecular mass of hFc-CLDN6(138-160) is approximately 25-35 kDa due to glycosylation.
Description: Recombinant Human CLDN6(138-160) Protein with N-terminal human 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. This gene encodes a component of tight junction strands, which is a member of the claudin family. The protein is an integral membrane protein and is one of the entry cofactors for hepatitis C virus. The gene methylation may be involved in esophageal tumorigenesis. This gene is adjacent to another family member CLDN9 on chromosome 16.

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.