

PRODUCT INFORMATION

CLDN6 **Target**

Synonyms Claudin-6; Skullin

Recombinant Human CLDN6(138-160) Protein **Description**

with C-terminal mouse Fc tag

Delivery In Stock **Uniprot ID** P56747 **Expression Host HEK293**

Tag C-mouse Fc Tag

Molecular

Background

CLDN6(Trp138-Leu160) mFc(Pro99-Lys330) Characterization

The protein has a predicted molecular mass of

29.0 kDa after removal of the signal peptide. The apparent molecular mass of CLDN6(138-160)-mFc **Molecular Weight** is approximately 25-35 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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

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16.[provided by RefSeq, Aug 2010]

Usage Research use only

Conjugate Unconjugated

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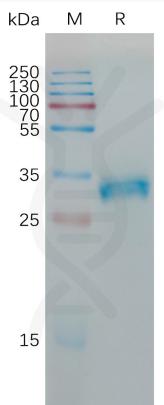


Figure 1. Human CLDN6(138-160) Protein, mFc Tag on SDS-PAGE under reducing condition.

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