

**HUMAN CLDN3(144-156) PROTEIN, HFC TAG**

货号: 11842

产品全名: 人 CLDN3(144-156) 蛋白

规格: 10/50/100 µg

基因符号 C7orf1;CPE-R2;CPETR2;HRVP1;RVP1

目标蛋白: CLDN3

**UNIPROT ID:** O15551

**描述:** Recombinant Human CLDN3(144-156) Protein with C-terminal human Fc tag

**背景:** 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. [provided by RefSeq, Jul 2008]

**物种/宿主:** HEK293

**分子量:** The protein has a predicted molecular mass of 27.7 kDa after removal of the signal peptide. The apparent molecular mass of CLDN3(144-156)-hFc is approximately 25-35 kDa due to glycosylation.

**分子特征:** CLDN3(Arg144-Lys156) hFc(Glu99-Ala330)

**纯化:** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**储存和运输:** 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.



Figure 1. Human CLDN3(144-156) Protein, hFc Tag on SDS-PAGE under reducing condition.