

32-17935: Recombinant Human CLDN2 Protein, hFc Tag

Uniprot ID : P57739
Alternative Name : Claudin-2, SP82

Description

Molecular Characterization: CLDN2?Ser29-Gln78?+hFc?Glu99-Ala330?

Molecular Weight: The protein has a predicted molecular mass of 31.4 kDa after removal of the signal peptide. The apparent molecular mass of CLDN2-hFc is approximately 25-35 kDa due to glycosylation.

Description: Recombinant human CLDN2 protein with C-terminal human Fc tag

This gene product belongs to the claudin protein family whose members have been identified as major integral membrane proteins localized exclusively at tight junctions. Claudins are expressed in an organ-specific manner and regulate tissue-specific physiologic properties of tight junctions. This protein is expressed in the intestine. Alternatively spliced transcript variants with different 5' untranslated region have been found for this gene.[provided by RefSeq, Jan 2010]

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.