Datasheet for ABIN6961123

Claudin 6 Protein (CLDN6) (mFc Tag)

1 Image

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Overview

Quantity:	100 µg
Target:	Claudin 6 (CLDN6)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Claudin 6 protein is labelled with mFc Tag.

Product Details

Purpose:	Recombinant human CLDN6 Protein with C-terminal mouse Fc Tag
Specificity:	CLDN6 (Met1-Ala4) (Gln57-Gln78) (Arg145-Arg158) mFc (Pro99-Lys330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	Claudin 6 (CLDN6)
Alternative Name:	CLDN6 (CLDN6 Products)
Background:	Synonymes: Claudin 6, Claudin-6, Skullin Description: 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

Target Details

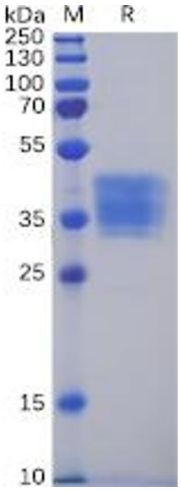
	to prevent solutes and water from passing freely through the paracellular space. These junctions are comprised of sets of continuous networking strands in the outwardly facing cytoplasmic leaflet, with complementary grooves in the inwardly facing extracytoplasmic leaflet. This gene encodes a component 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.
Molecular Weight:	predicted molecular mass of 31.6 kDa after removal of the signal peptide.
Gene ID:	9074
UniProt:	P56747
Pathways:	Hepatitis C

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative:	Without preservative
Storage:	-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human CLDN6 Protein, mFc Tag on SDS-PAGE under reducing condition.