Datasheet for ABIN7538360

LI Cadherin Protein (AA 567-667) (mFc Tag)

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Overview

Quantity:	50 µg
Target:	LI Cadherin
Protein Characteristics:	AA 567-667
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LI Cadherin protein is labelled with mFc Tag.

Product Details

Purpose:	Recombinant human CDH17(567-667) Protein with C-terminal mouse Fc tag
Specificity:	CDH17 (Ser567-Leu667) mFc (Pro99-Lys330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	LI Cadherin
Alternative Name:	CDH17 (LI Cadherin Products)
Background:	This gene is a member of the cadherin superfamily, genes encoding calcium-dependent,

Target Details

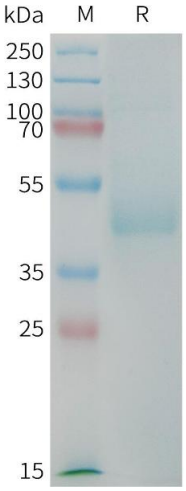
	membrane-associated glycoproteins. The encoded protein is cadherin-like, consisting of an extracellular region, containing 7 cadherin domains, and a transmembrane region but lacking the conserved cytoplasmic domain. The protein is a component of the gastrointestinal tract and pancreatic ducts, acting as an intestinal proton-dependent peptide transporter in the first step in oral absorption of many medically important peptide-based drugs. The protein may also play a role in the morphological organization of liver and intestine. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2009]
Molecular Weight:	predicted molecular mass of 37.1 kDa after removal of the signal peptide. The apparent molecular mass of CDH17(567-667)-mFc is 35-55 kDa due to glycosylation.
UniProt:	Q12864

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
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 (567-667) Protein, mFc Tag on SDS-PAGE under reducing condition.

