

Datasheet for ABIN7538358

LI Cadherin Protein (AA 26-786) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	LI Cadherin
Protein Characteristics:	AA 26-786
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LI Cadherin protein is labelled with His tag.

Product Details

Purpose:	Recombinant mouse CDH17 protein with C-terminal 6xHis tag
Specificity:	Mouse CDH17 (Phe26-Met786) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	LI Cadherin
Alternative Name:	CDH17 (LI Cadherin Products)
Background:	Enables proton-dependent oligopeptide secondary active transmembrane transporter activity.

Target Details

Involved in germinal center B cell differentiation, marginal zone B cell differentiation, and spleen development. Acts upstream of or within calcium-dependent cell-cell adhesion via plasma membrane cell adhesion molecules, homophilic cell adhesion via plasma membrane adhesion molecules, and oligopeptide transport. Located in cell surface and plasma membrane. Is expressed in several structures, including common bile duct, gut, spleen, trunk, and urogenital sinus. Orthologous to human CDH17 (cadherin 17). [provided by Alliance of Genome Resources, Apr 2022]

Molecular Weight: predicted molecular mass of 85.1 kDa after removal of the signal peptide. The apparent molecular mass of mCDH17-His is 70-130 kDa due to glycosylation.

UniProt: [Q9R100](#)

Application Details

Restrictions: For Research Use only

Handling

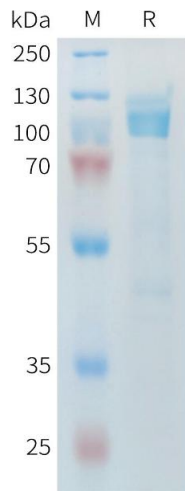
Format: Lyophilized

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. Mouse Protein, His Tag on SDS-PAGE under reducing condition.