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Datasheet for ABIN7274316

LI Cadherin Protein (AA 26-786) (His tag)

2 Images

Overview

Quantity:	100 µg
Target:	LI Cadherin
Protein Characteristics:	AA 26-786
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LI Cadherin protein is labelled with His tag.

Product Details

Purpose:	Mouse CDH17/Cadherin 17 Protein
Sequence:	Phe26-Met786
Characteristics:	Recombinant Mouse CDH17/Cadherin 17 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Phe26-Met786.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	LI Cadherin
Alternative Name:	CDH17 (LI Cadherin Products)

Target Details

Background: Liver-intestine cadherin (CDH17) has been known to function as a tumor stimulator and diagnostic marker for almost two decades. In vivo studies showed CDH17 knockout resulted in apoptotic PC tumor death through activating caspase-3 activity. Taken together, CDH17 functions as an oncogenic molecule critical to PC growth by regulating tumor apoptosis signaling pathways and CDH17 could be targeted to develop an anti-PC therapeutic approach.

Molecular Weight: 85.4 kDa. Due to glycosylation, the protein migrates to 90-115 kDa based on Tris-Bis PAGE result.

UniProt: [Q9R100](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

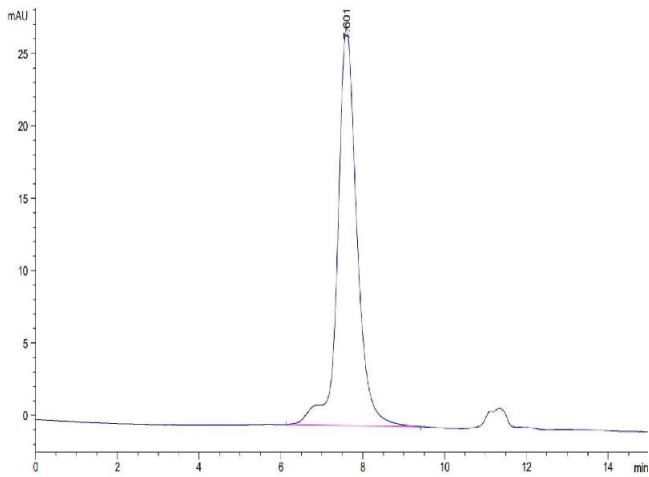
Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C, -80 °C

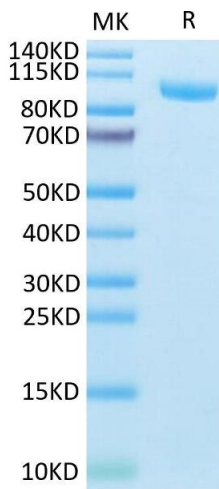
Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., -2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Mouse CDH17 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Mouse CDH17 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .