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Datasheet for ABIN7274312

## LI Cadherin Protein (AA 567-777) (Fc Tag)

### 2 Images

#### Overview

Quantity:	100 µg
Target:	LI Cadherin
Protein Characteristics:	AA 567-777
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LI Cadherin protein is labelled with Fc Tag.

#### Product Details

Purpose:	Human CDH17/Cadherin 17 Domain 6-7 Protein
Sequence:	Ser567-Gly777
Characteristics:	Recombinant Human CDH17/Cadherin 17 Domain 6-7 Protein is expressed from HEK293 with hFc tag at the C-Terminus.It contains Ser567-Gly777.
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 ( <a href="#">LI Cadherin Products</a> )

## Target Details

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**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:** 49.29 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.

**UniProt:** [Q12864](#)

## Application Details

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**Restrictions:** For Research Use only

## Handling

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**Format:** Lyophilized

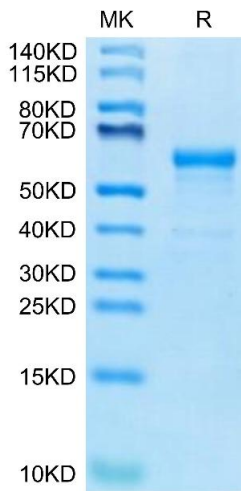
**Reconstitution:** Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

**Buffer:** Lyophilized from 0.22µm filtered solution in 20 mM Tris, 150 mM NaCl (pH 8.0). Normally 8 % trehalose is added as protectant before lyophilization.

**Storage:** -20 °C, -80 °C

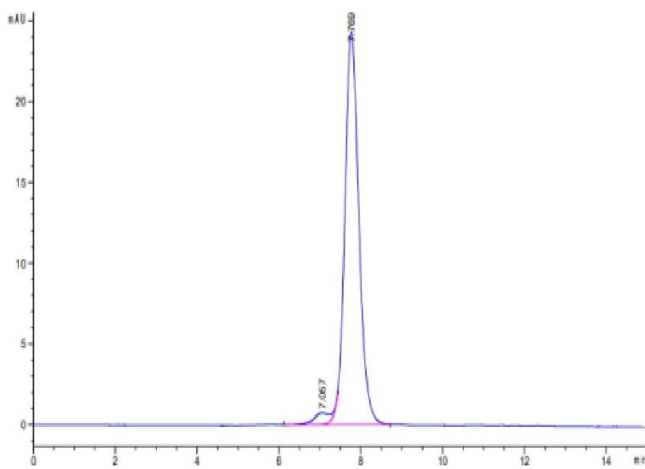
**Storage Comment:** -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., -2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Expiry Date:** 12 months



### SDS-PAGE

**Image 1.** Human CDH17 Domain 6-7 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



### Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Human CDH17 Domain 6-7 is greater than 95 % as determined by SEC-HPLC.