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Datasheet for ABIN7274313

LI Cadherin Protein (AA 668-777) (Fc Tag)

1 Image

Overview

Quantity:	100 µg
Target:	LI Cadherin
Protein Characteristics:	AA 668-777
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 7 Protein
Sequence:	Ala668-Gly777
Characteristics:	Recombinant Human CDH17/Cadherin 17 Domain 7 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Ala668-Gly777.
Purity:	> 95 % as determined by Tris-Bis PAGE
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	LI Cadherin
Alternative Name:	CDH17 (LI Cadherin Products)
Background:	Liver-intestine cadherin (CDH17) has been known to function as a tumor stimulator and

Target Details

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: 38.42 kDa. Due to glycosylation, the protein migrates to 48-52 kDa based on Tris-Bis PAGE result.

UniProt: [Q12864](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

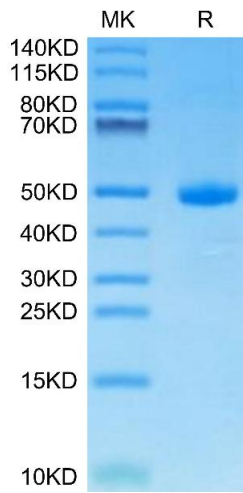
Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22 µm 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 7 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .