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Datasheet for ABIN7274309

LI Cadherin Protein (AA 450-777) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	LI Cadherin
Protein Characteristics:	AA 450-777
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LI Cadherin protein is labelled with His tag.

Product Details

Purpose:	Human CDH17/Cadherin 17 Domain 5-7 Protein
Sequence:	Glu450-Gly777
Characteristics:	Recombinant Human CDH17/Cadherin 17 Domain 5-7 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Glu450-Gly777.
Purity:	> 95 % as determined by Tris-Bis PAGE
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: 36.79 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Tris-Bis PAGE result.

UniProt: [Q12864](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

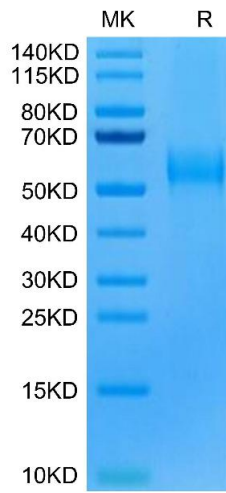
Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22µm 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



SDS-PAGE

Image 1. Human CDH17 Domain 5-7 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .