Datasheet for ABIN7274307

LI Cadherin Protein (AA 23-787) (FITC,His tag)

2 Images

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Overview

Quantity:	100 µg
Target:	LI Cadherin
Protein Characteristics:	AA 23-787
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LI Cadherin protein is labelled with FITC,His tag.

Product Details

Purpose:	FITC-Labeled Human CDH17/Cadherin 17 Protein
Sequence:	Gln23-Met787
Characteristics:	Recombinant FITC-Labeled Human CDH17/Cadherin 17 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Gln23-Met787.
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:	86.1 kDa. Due to glycosylation, the protein migrates to 95-115 kDa based on Tris-Bis PAGE result.
UniProt:	Q12864

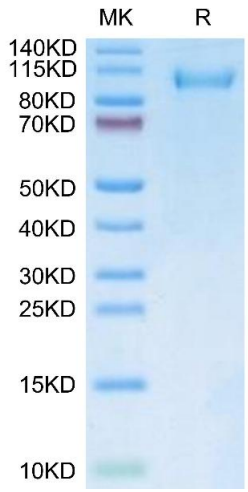
Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

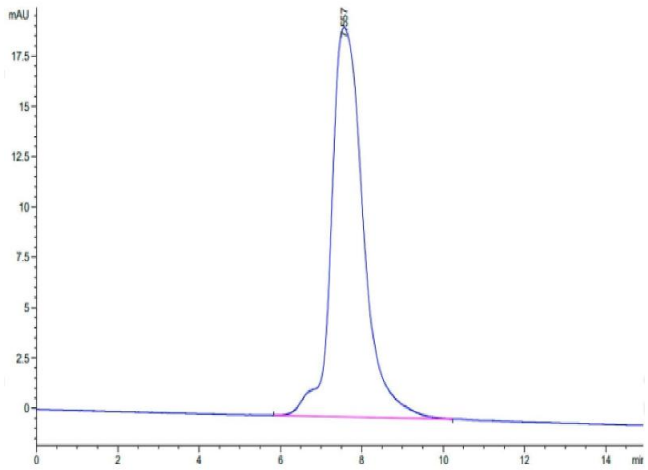
Images



SDS-PAGE

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

Images



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of FITC-Labeled Human CDH17 is greater than 95 % as determined by SEC-HPLC.