

# FITC-Labeled Human CDH17/Cadherin 17 Protein

Cat. No. CDH-HM117F

## Description

<b>Source</b>	Recombinant FITC-Labeled Human CDH17/Cadherin 17 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln23-Met787.
<b>Accession</b>	Q12864
<b>Molecular Weight</b>	The protein has a predicted MW of 86.1 kDa. Due to glycosylation, the protein migrates to 95-115 kDa based on Bis-Tris PAGE result.
<b>Wavelength</b>	Excitation Wavelength: 490 nm Emission Wavelength: 520 nm
<b>Endotoxin</b>	Less than 1EU per $\mu$ g by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

## Formulation and Storage

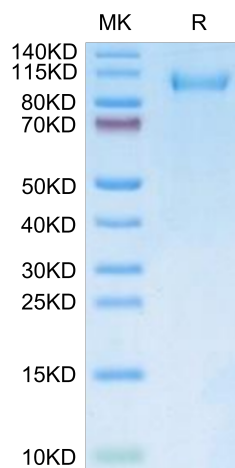
<b>Formulation</b>	Supplied as 0.22 $\mu$ m filtered solution in PBS (pH 7.4).
<b>Storage</b>	Valid for 6 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## 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.

## Assay Data

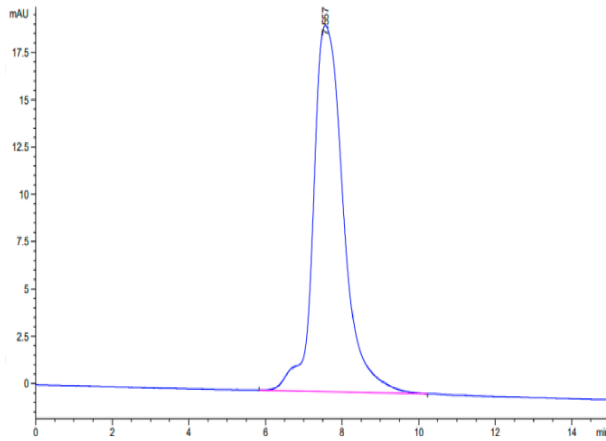
### Bis-Tris PAGE



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

### SEC-HPLC

Assay Data



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