

FITC-Labeled Human CDH17/Cadherin 17 Protein

Cat. No. CDH-HM117F

Description

Source	Recombinant FITC-Labeled Human CDH17/Cadherin 17 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln23-Met787.
Accession	Q12864
Molecular Weight	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.
Wavelength	Excitation Wavelength: 490 nm Emission Wavelength: 520 nm
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	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.

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

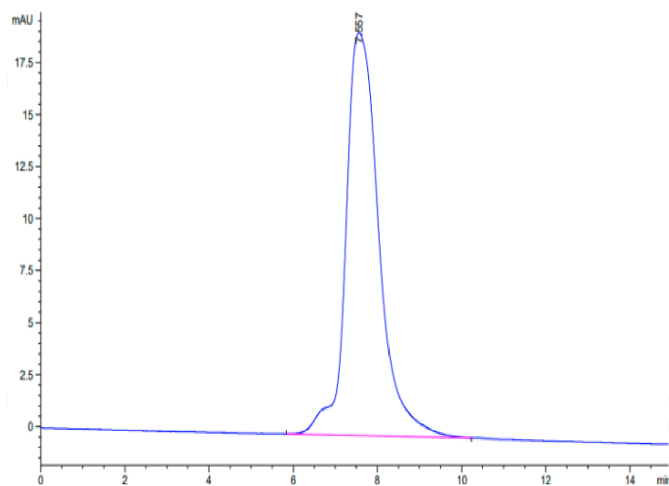
Bis-Tris PAGE



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.