

FITC-Labeled Human CDH17/Cadherin 17 Protein



Cat. No. CDH-HM117F

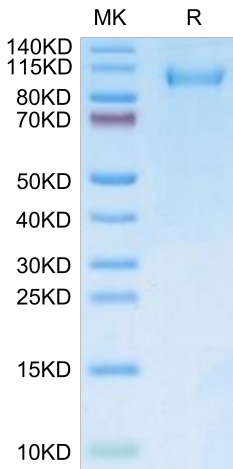
Description	
Source	Recombinant FITC-Labeled Human CDH17/Cadherin 17 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln23-Met787.
Accession	Q12864
Molecular Weight	The protein has a predicted MW of 86.1 kDa. Due to glycosylation, the protein migrates to 95-115 kDa based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

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

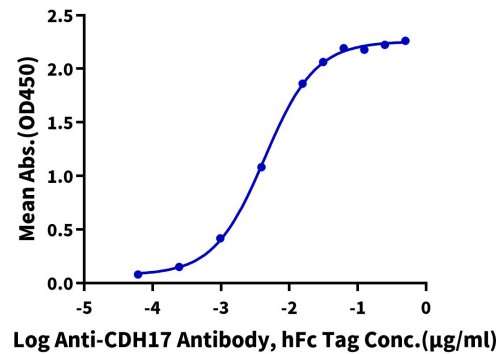
Bis-Tris PAGE



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

ELISA Data

**FITC-Labeled Human CDH17, His Tag ELISA**  
0.05µg FITC-Labeled Human CDH17, His Tag Per Well



Immobilized FITC-Labeled Human CDH17, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-CDH17 Antibody, hFc Tag with the EC50 of 4.3ng/ml determined by ELISA.