



### Synonym

Cadherin-17, CDH17, HPT-1, LI-cadherin

### Source

Cynomolgus Cadherin-17 Protein, Fc Tag (CA7-C5253) is expressed from human 293 cells (HEK293). It contains AA Lys 30 - Thr 792 (Accession # [A0A2K5X8I8-1](#)).

Predicted N-terminus: Lys 30

### Molecular Characterization

Cadherin-17(Lys 30 - Thr 792) A0A2K5X8I8-1	Fc(Pro 100 - Lys 330) P01857
---	---------------------------------

This protein carries a human IgG1 Fc tag at the C-terminus.

The protein has a calculated MW of 111.1 kDa. The protein migrates as 130-150 kDa when calibrated against [Star Ribbon Pre-stained Protein Marker](#) under reducing (R) condition (SDS-PAGE) due to glycosylation.

### Endotoxin

Less than 1.0 EU per µg by the LAL method.

### Purity

>90% as determined by SDS-PAGE.

>90% as determined by SEC-MALS.

### Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

### Reconstitution

Please see Certificate of Analysis for specific instructions.

*For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.*

### Storage

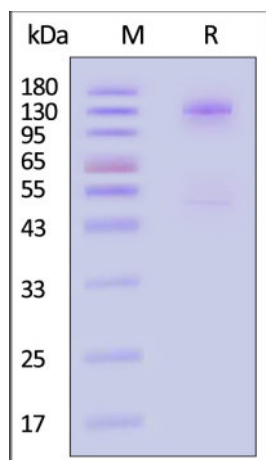
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

*Please avoid repeated freeze-thaw cycles.*

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

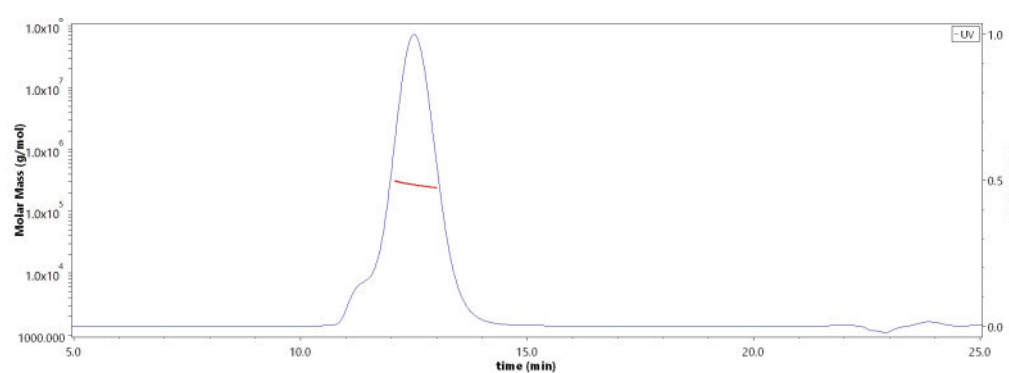
### SDS-PAGE



Cynomolgus Cadherin-17 Protein, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90% (With [Star Ribbon Pre-stained Protein Marker](#)).

### Bioactivity-ELISA

### SEC-MALS

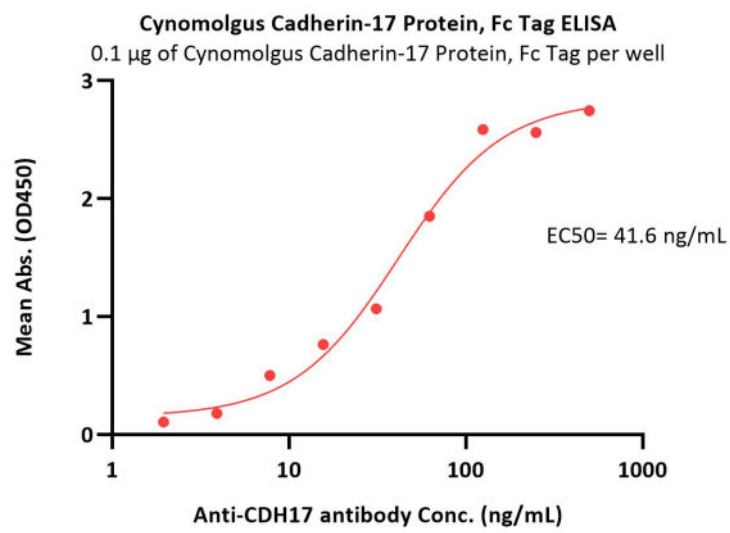


The purity of Cynomolgus Cadherin-17 Protein, Fc Tag (Cat. No. CA7-C5253) is more than 90% and the molecular weight of this protein is around 245-285 kDa verified by SEC-MALS.

[Report](#)

Discounts, Gifts,  
and more!





Immobilized Cynomolgus Cadherin-17 Protein, Fc Tag (Cat. No. CA7-C5253) at 1 µg/mL (100 µL/well) can bind Anti-CDH17 antibody with a linear range of 2-63 ng/mL (QC tested).

## Background

Cadherin-17, also known as liver-intestine (LI) Cadherin, belongs to the cadherin family of calcium-dependent cell adhesion molecules. 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.

## Clinical and Translational Updates

Discounts, Gifts,  
and more!

