

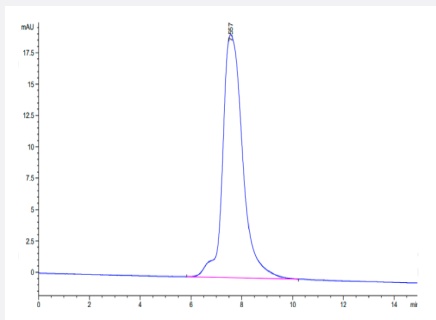
HuPro®

# CDH17 (Human) Recombinant Protein

Catalog # P9925

Size 100 ug

## Applications



### SEC-HPLC

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



### Tris-Bis PAGE

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

## Specification

<b>Product Description</b>	Human CDH17 (Q12864, Gln23-Met787) partial recombinant protein with His tag at C-Terminus expressed in HEK293 cells.
<b>Sequence</b>	Gln23-Met787
<b>Host</b>	Human
<b>Theoretical MW (kDa)</b>	86.09999999999999
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	Mammalian cell (HEK293) expression system
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Quality Control Testing	SEC-HPLC and Tris-Bis PAGE SEC-HPLC The purity of FITC-Labeled Human CDH17 is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE FITC-Labeled Human CDH17 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis

## Applications

- SDS-PAGE

## Gene Info — CDH17

Entrez GeneID	<a href="#">1015</a>
Protein Accession#	<a href="#">Q12864-1</a>
Gene Name	CDH17
Gene Alias	CDH16, FLJ26931, HPT-1, HPT1, MGC138218, MGC142024
Gene Description	cadherin 17, LI cadherin (liver-intestine)
Omim ID	<a href="#">603017</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

This gene is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. The encoded protein is cadherin-like, consisting of an extracellular region, containing 7 cadherin domains, and a transmembrane region but lacking the conserved cytoplasmic domain. The protein is a component of the gastrointestinal tract and pancreatic ducts, acting as an intestinal proton-dependent peptide transporter in the first step in oral absorption of many medically important peptide-based drugs. The protein may also play a role in the morphological organization of liver and intestine. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

**Other Designations**

HPT-1 cadherin|LI cadherin|cadherin 17|cadherin-16|human intestinal peptide-associated transporter HPT-1|human peptide transporter 1|liver-intestine cadherin

**Disease**

- [Depressive Disorder](#)