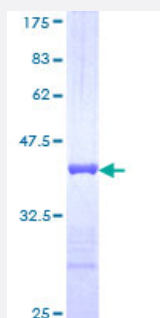


# CDH17 (Human) Recombinant Protein (Q01)

Catalog # H00001015-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human CDH17 partial ORF ( NP_004054, 24 a.a. - 131 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	EGKFSGPLKPMTFSTYEGQEPSQIIFQFKANPPAVTFELTGETDNIFVIEREGLLYNRALDRETRST HNLQVAALDANGIVEGPVPITIEVKDINDNRPTFLQSKY
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	37.62
<b>Interspecies Antigen Sequence</b>	Mouse (84); Rat (83)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — CDH17

Entrez GeneID [1015](#)

GeneBank Accession# [NM\\_004063](#)

Protein Accession# [NP\\_004054](#)

Gene Name CDH17

Gene Alias CDH16, FLJ26931, HPT-1, HPT1, MGC138218, MGC142024

Gene Description cadherin 17, LI cadherin (liver-intestine)

Omim ID [603017](#)

Gene Ontology [Hyperlink](#)

**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](#)