

Recombinant Human CDH17

Cat. No. CDH17-29102TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment (amino acids 24-131) of Human LI Cadherin with proprietary tag at the N terminal; Predicted MW 37.51 kDa, inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	108 amino acids
Description	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.
Molecular Weight	37.510kDa inclusive of tags
Tissue specificity	Expressed in the gastrointestinal tract and pancreatic duct. Not detected in kidney, lung, liver, brain, adrenal gland and skin.
Form	Liquid

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	EGKFSGPLKPMTFSIYEGQEPSQIIFQFKANPPAVTFELT GETDNIFVIEREGLLYYN RALDRETRSTHNLQVAALDANG IIVEGPVPITIEVKDINDNRPTFLQSKY
Sequence Similarities	Contains 7 cadherin domains.

GENE INFORMATION

Gene Name	CDH17 cadherin 17, LI cadherin (liver-intestine) [Homo sapiens]
Official Symbol	CDH17
Synonyms	CDH17; cadherin 17, LI cadherin (liver-intestine); cadherin-17; cadherin; HPT 1;
Gene ID	1015
mRNA Refseq	NM_001144663
Protein Refseq	NP_001138135
MIM	603017
Uniprot ID	Q12864
Chromosome	8q22.1

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Location**Function**

calcium ion binding; proton-dependent oligopeptide secondary active transmembrane transporter activity; transporter activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA