

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	<p>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.</p>
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