

Recombinant Human CDH17 Protein, GST-Tagged

Cat. No. CDH17-0978H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDH17 partial ORF (NP_004054, 24 a.a. - 131 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jan 2009]
Molecular Mass	37.62 kDa
AA Sequence	EGKFSGPLKPMTFSIYEGQEPSQIIFQFKANPPAVTFELTGETDNIFVIEREGLLYNR ALDRETRSTHNLQVAALDANGIIVEGPVPITIEVKDINDNRPTFLQSKY
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

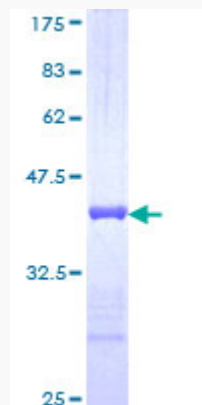
Gene Name	CDH17 cadherin 17, LI cadherin (liver-intestine) [Homo sapiens]
Official Symbol	CDH17
Synonyms	CDH17; cadherin 17, LI cadherin (liver-intestine); cadherin-17; cadherin; HPT 1; LI cadherin; LI-cadherin; cadherin-16; HPT-1 cadherin; liver-intestine cadherin; human peptide transporter 1; intestinal peptide-associated transporter HPT-1; human intestinal peptide-associated transporter HPT-1; HPT1; CDH16; HPT-1; FLJ26931; MGC138218; MGC142024;
Gene ID	1015
mRNA Refseq	NM_001144663
Protein Refseq	NP_001138135
MIM	603017
UniProt ID	Q12864

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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