

## Recombinant Human CDH17 Protein

Catalog #	Source	Reactivity	Applications
CRP1264	Human cells	Human	E, WB, SDS-PAGE, MS

**Description** Recombinant Human CDH17 Protein is produced by our Mammalian expression system and the target gene encoding Gln23-Met787 is expressed with a 6His tag at the C-terminus.

**Form** Lyophilized from a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.4.

**Gene Symbol** CDH17

**Alternative Names** Cadherin-17; Intestinal peptide-associated transporter HPT-1; Liver-intestine cadherin; LI-cadherin

**Entrez Gene** 1015 (Human)

**SwissProt** Q12864 (Human)

**Purity** Greater than 95% as determined by reducing SDS-PAGE.

**Chemical Structure** QEGKFSGPLK PMTFSIYEGQ EPSQIIFQFK ANPPAVTFEL TGETDNIFVI EREGLLYYNR  
 ALDRETRSTH NLQVAALDAN GIIVEGPVPI TIEVKDINDN RPTFLQSKYE GSVRQNSRPG  
 KPFLYVNATD LDDPATPNGQ LYYQIVIQLP MINNVMYFQI NNKTGAI SLT REGSQELNPA  
 KNPSYNLVIS VKDMGGQSEN SFSDTTSVDI IVTENIWKAP KPVEMVENST DPHPIKITQV  
 RWNDPGAQYS LVDKEKLPRF PFSIDQEGDI YVTQPLDREE KDAYVFYAVA KDEYGKPLSY  
 PLEIHVKVKD INDNPPTCPS PVTVFEVQEN ERLGNSIGTL TAHDRDEENT ANSFLNYRIV  
 EQTPKLPMDG LFLIQTYAGM LQLAKQSLKK QDTPQYNLTI EVSDKDFKTL CFVQINVIDI  
 NDQIPIFEKS DYGNLTLAED TNIGSTILTI QATDADEPFT GSSKILYHII KGDSEGR LGV  
 DTDPHNTGY VIKKPLDFE TAAVSNIVFK AENPEPLVFG VKYNASSFAK FTLIVTDVNE  
 APQFSQHVFQ AKVSEDVAIG TKVGNVTAKD PEGLDISYSL RGDTRGWLKI DHVTGEIFSV  
 APLDREAGSP YRVQVVATEV GGSSLSSVSE FHLILMDVND NPPRLAKDYT GLFFCHPLSA

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

PGSLIFEATD DDQHLFRGPH FTFSLGSGSL QNDWEVSKIN GTHARLSTRH TDFEEREYVV

LIRINDGGRP PLEGIVSLPV TFCSCVEGSC FRPAGHQGTGI PTVGMVDHHH HHH

## Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

## Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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