

# Active Recombinant Human CDH17 protein, His-Avi-tagged, Biotinylated

Cat. No. CDH17-3043H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human CDH17 protein(Gln 23-Met 787), fused with His and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln 23-Met 787
<b>Form</b>	Lyophilized from 0.22 $\mu$ m filtered solution in 20 mM Tris, 150 mM NaCl, pH8.0 with trehalose as protectant.
<b>Bio-activity</b>	Immobilized Human Anti-Cadherin 17 at 0.1%/well (100 $\mu$ L/well) can bind Biotinylated Human Cadherin-17, His,Avitag with a linear range of 0.2-16 ng/mL. Immobilized Biotinylated Human Cadherin-17, His,Avitag at 1 $\mu$ g/mL (100 $\mu$ L/well) on streptavidin precoated (0.5 $\mu$ g/well) plate can bind various dilution ratio of Human Anti-Cadherin 17.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag <sup>™</sup> )The protein has a calculated MW of 88.6 kDa. The protein migrates as 100-115 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per $\mu$ g by the LAL method.

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<b>Purity</b>	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	CDH17 cadherin 17, LI cadherin (liver-intestine) [ Homo sapiens ]
<b>Official Symbol</b>	CDH17
<b>Synonyms</b>	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;
<b>Gene ID</b>	1015
<b>mRNA Refseq</b>	NM_001144663
<b>Protein Refseq</b>	NP_001138135
<b>MIM</b>	603017

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