

Active Recombinant Human CDH17 protein, mFc-tagged, Low Endotoxin

Cat. No. CDH17-1321H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH17 protein(Q12864)(Glu450-Phe566), fused with C-terminal mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	450-566 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CDH17 Domain 5, mFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Anti-CDH17 Domain 5 Antibody, hFc Tag with the EC50 of 10.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 39.06 kDa. Due to glycosylation, the protein migrates to 40-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 90% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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

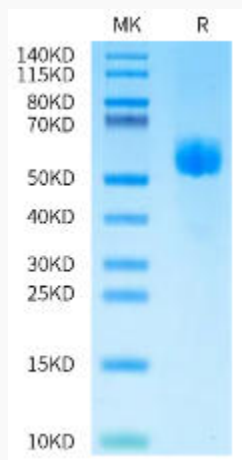
UniProt ID Q12864

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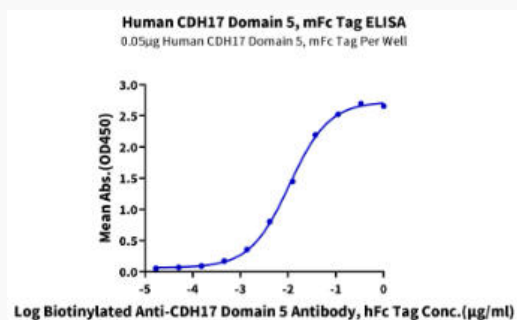
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Bis-Tris PAGE



ELISA Data



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