

Active Recombinant Human CDH17 Protein, His-tagged

Cat. No. CDH17-2043H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CDH17 Protein(Q12864-1)(Met 1-Met 787) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-787 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 3mM Cacl ₂ , pH 8.0.
Bio-activity	1.Immobilized Recombinant Human Cadherin-17 / LI-cadherin / CDH17 Protein (His Tag) at 1 µg/mL (100 µL/well) can bind monoclonal anti-human CDH17 antibody, human IgG1, the EC ₅₀ is 1.5-5.0 ng/mL. 2.Monoclonal anti-human CDH17 antibody, human IgG1 captured on Protein A chip, can bind Recombinant Human Cadherin-17 / LI-cadherin / CDH17 Protein (His Tag) with an affinity constant of 41.550 nM as determined in an SPR assay (Biacore T200).
Molecular Mass	The recombinant human CDH17 consists of 776 amino acids and predicts a molecular mass of 87 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh CDH17 is approximately 105-115 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	≥ 88 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended to redissolve in sterile deionized 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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