

# Active Recombinant Human CDH17 protein, His-tagged, Low Endotoxin

**Cat. No.** CDH17-1528H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CDH17 protein(Q12864)(Glu450-Gly777), fused with C-terminal His tag, was expressed in HEK293.                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 450-777 aa                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                                                    |
| <b>Bio-activity</b>     | Immobilized Human CDH17 Domain 5-7, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-CDH17 Domain 5-7 Antibody, hFc Tag with the EC50 of 7.1ng/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 36.79 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Bis-Tris PAGE result.                                                               |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                                                       |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE                                                                                                                                                              |
| <b>Storage</b>          | 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

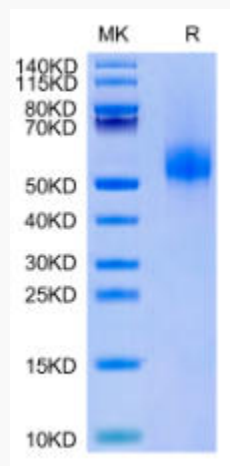
**UniProt ID** Q12864

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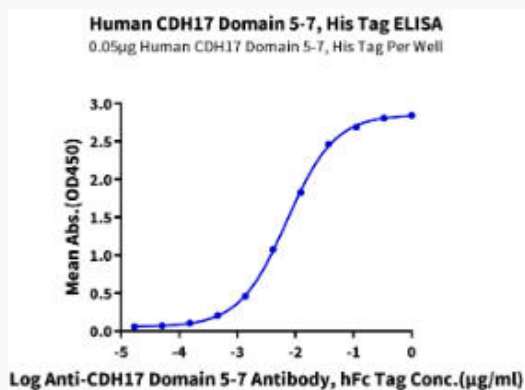
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## Bis-Tris PAGE



## ELISA Data



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