

## Active Recombinant Human CDH17 Domain 6-7 protein, hFc-tagged

**Cat. No.** CDH17-1324H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human CDH17 Domain 6-7 protein(Q12864)(567-777 aa) is expressed from HEK293 with hFc tag at the C-Terminus.                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 567-777 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 6-7, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Anti-CDH17 Domain 6-7 Antibody, hFc Avi Tag with the EC50 of 0.19µg/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 49.29 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Bis-Tris PAGE result.                                                                               |
| <b>Endotoxin</b>        | Less than 1 EU per µg by the LAL method.                                                                                                                                                                          |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC                                                                                                                                                  |
| <b>Storage</b>          | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after                                                                                                                             |

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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

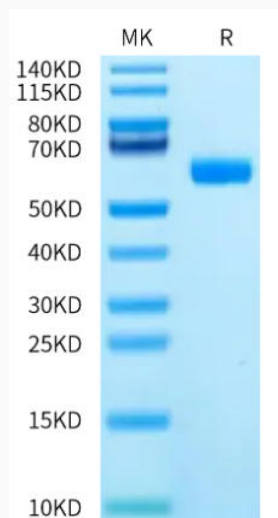
**UniProt ID** Q12864

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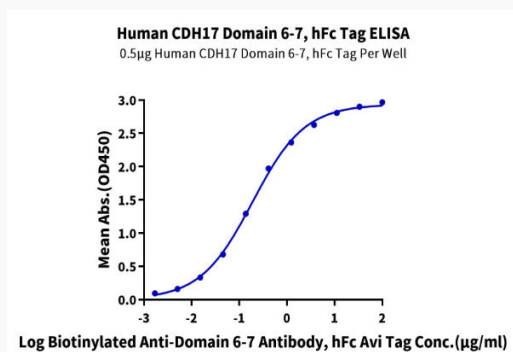
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## Bis-Tris PAGE



## ELISA Data



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