

## Active Recombinant Human CDH6 protein, His-tagged

**Cat. No.** CDH6-668H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human CDH6 protein(P55285-1)(Thr19-Ala615) is expressed from HEK293 with His tag at the C-Terminus.                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 19-615 aa                                                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).                                                                                                                                                             |
| <b>Bio-activity</b>     | Immobilized Anti-CDH6 antibody, hFc Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human CDH6, His Tag with the EC50 of 1.85µg/ml determined by ELISA.                                                |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 67.48 kDa. Due to glycosylation, the protein migrates to 75-95 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                                                                                                                                                                                    |
| <b>Storage</b>          | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

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**Reconstitution**      Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

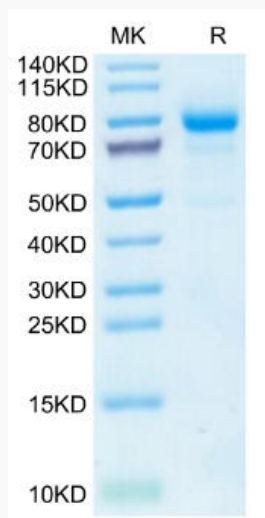
|                        |                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CDH6 cadherin 6, type 2, K-cadherin (fetal kidney) [ Homo sapiens ]                                               |
| <b>Official Symbol</b> | CDH6                                                                                                              |
| <b>Synonyms</b>        | CDH6; cadherin 6, type 2, K-cadherin (fetal kidney); cadherin-6; K Cadherin; CAD6; KCAD; FLJ14176; DKFZp564N1116; |
| <b>Gene ID</b>         | 1004                                                                                                              |
| <b>mRNA Refseq</b>     | NM_004932                                                                                                         |
| <b>Protein Refseq</b>  | NP_004923                                                                                                         |
| <b>MIM</b>             | 603007                                                                                                            |
| <b>UniProt ID</b>      | P55285                                                                                                            |

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## Bis-Tris PAGE



## ELISA Data

