

**PRODUCT INFORMATION**

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|---|---|
| <b>Target</b>                           | CDH6  |
| <b>Synonyms</b>                         | CAD6  |
| <b>Description</b>                      | Recombinant mouse CDH6 protein with C-terminal 10×His tag   |
| <b>Delivery</b>                         | In Stock  |
| <b>Uniprot ID</b>                       | P97326  |
| <b>Expression Host</b>                  | HEK293  |
| <b>Tag</b>                              | C-10×His tag  |
| <b>Molecular Characterization</b>       | Mouse CDH6(Thr19-Ala615) 10×His tag   |
| <b>Molecular Weight</b>                 | The protein has a predicted molecular mass of 67.8 kDa after removal of the signal peptide. The apparent molecular mass of mCDH6-His is approximately 70-130 kDa due to glycosylation.  |
| <b>Purity</b>                           | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.  |
| <b>Formulation &amp; Reconstitution</b> | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.   |
| <b>Storage &amp; Shipping</b>           | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.   |
| <b>Background</b>                       | This gene encodes a member of the cadherin family of calcium-dependent glycoproteins that mediate cell adhesion and regulate many morphogenetic events during development. The encoded preproprotein is further processed to generate a mature protein. Mice lacking the encoded protein exhibit delay in mesenchyme-to-epithelial conversion and a loss of nephrons. Multiple distinct genes of the cadherin family, including this gene, are found on chromosome 15. [provided by RefSeq, Oct 2015] |
| <b>Usage</b>                            | Research use only   |
| <b>Conjugate</b>                        | Unconjugated  |



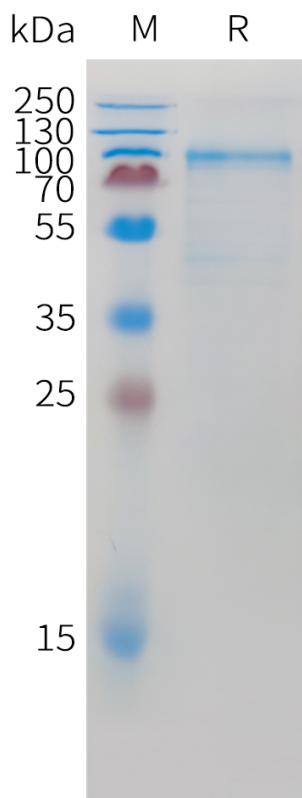


Figure 1. Mouse CDH6 Protein, His Tag on SDS-PAGE under reducing condition.

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