

## 32-18556: Mouse CDH6 Protein, His Tag

**Uniprot ID :** P97326

**Alternative Name :** CAD6

### Description

**Description :** Recombinant mouse CDH6 protein with C-terminal 10 $\text{\AA}$ —His tag

**Background :** 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.

**Molecular Characterization:** 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.

**Tag :** C-10 $\text{\AA}$ —His tag

### Product Info

**Amount :** 50  $\mu\text{g}$  / 100  $\mu\text{g}$

**Purification :** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** 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.

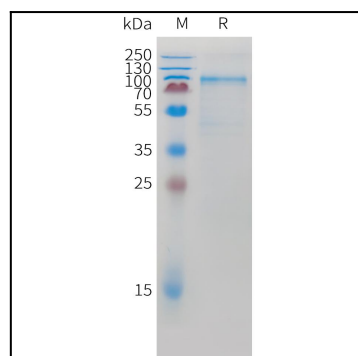


Figure 1. Mouse CDH6 Protein, His Tag on SDS-PAGE under reducing condition.