

## **PRODUCT INFORMATION**

**Target** CDH<sub>6</sub>

**Synonyms** CDH6;K-cadherin

Recombinant human CDH6 protein with C-**Description** 

terminal 6×His tag

**Delivery** In Stock **Uniprot ID** P55285 **HEK293 Expression Host** Tag C-6×His Tag

Molecular

CDH6(Thr19-Ala615) 6×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 

67.2 kDa after removal of the signal peptide. The apparent molecular mass of CDH6-His is

approximately 70-130 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the cadherin

superfamily. Cadherins are membrane glycoproteins that mediate homophilic cell-cell

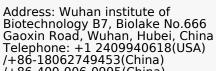
adhesion and play critical roles in cell differentiation and morphogenesis. The encoded

**Background** protein is a type II cadherin and may play a role in kidney development as well as endometrium and placenta formation. Decreased expression of this gene may be associated with tumor growth

and metastasis. [provided by RefSeq, May 2011]

Usage Research use only

Conjugate Unconjugated



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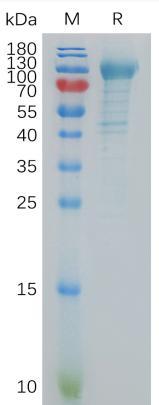


Figure 1. Human CDH6 Protein, His Tag on SDS-PAGE under reducing condition.

## Human CDH6, His Tagged protein ELISA

0.2 μg of Human CDH6, His tagged protein per well

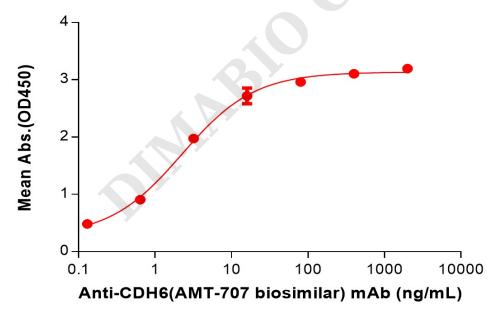


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human CDH6 Protein, His Tag (PME101111) can bind Anti-CDH6(AMT-707 biosimilar) mAb (BME100234) in a linear range of 0.13–16 ng/mL.

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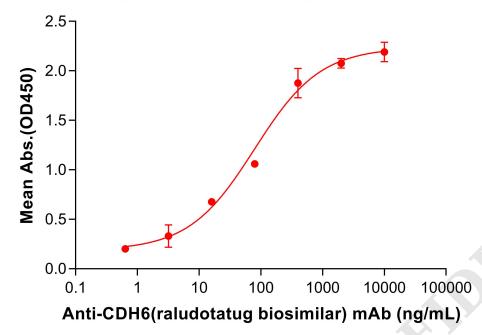


Figure 3. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human CDH6 Protein, His Tag (PME101111) can bind Anti-CDH6(raludotatug biosimilar) mAb (BME100232) in a linear range of 16–400 ng/mL.

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