

PRODUCT INFORMATION

Target CDH17

Synonyms HPT1; CDH16; HPT-1

Recombinant Cynomolgus CDH17 protein with C-Description

terminal 10×His tag

Delivery In Stock **Uniprot ID** A0A2K5X8I8 **Expression Host HEK293**

Tag C-10×His tag

Molecular

Purity

CDH17(Lys30-Thr792) 10×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 86.0 kDa after removal of the signal peptide.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

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.

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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

This gene is a member of the cadherin

superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. The encoded protein is cadherin-like, consisting of an extracellular region, containing 7 cadherin domains, and a transmembrane region but lacking the conserved cytoplasmic domain. The protein is a component of the gastrointestinal tract and pancreatic ducts, acting as an intestinal

Background

proton-dependent peptide transporter in the first step in oral absorption of many medically important peptide-based drugs. The protein may also play a role in the morphological organization of liver and intestine. Alternative splicing results in multiple transcript variants. In published transcripts variants.

Email: info@dimabio.com Website: www.dimabio.com

in multiple transcript variants. [provided by RefSeq, Jan 2009]

Research use only **Usage** Conjugate Unconjugated





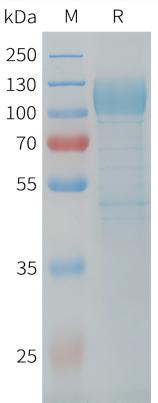


Figure 1. Cynomolgus CDH17 Protein, His Tag on SDS-PAGE under reducing condition.

Cynomolgus CDH17, His Tagged protein ELISA

 $0.05~\mu g$ of Cynomolgus CDH17, His tagged protein per well

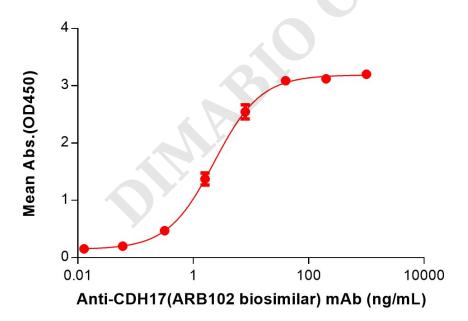


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Cynomolgus CDH17 Protein, His Tag (PME-C100029) can bind Anti-CDH17(ARB102 biosimilar) mAb (BME100198) in a linear range of 3.20–40 ng/mL.

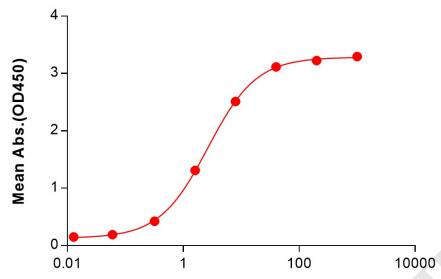
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Cynomolgus CDH17, His Tagged protein ELISA

0.05 μg of Cynomolgus CDH17, His tagged protein per well



Anti-CDH17 antibody(DMC485); IgG1 Chimeric mAb (ng/mL)

Figure 3. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Cynomolgus CDH17 Protein, His Tag (PME-C100029) can bind Anti-CDH17 antibody(DMC485); IgG1 Chimeric mAb (DMC100485) in a linear range of 3.20–40 ng/mL.

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