

## **PRODUCT INFORMATION**

**Target** CDH17

HPT-1; HPT1 **Synonyms** 

Recombinant human CDH17(30-128) Protein with Description

C-terminal human Fc tag

**Delivery** In Stock Q12864 **Uniprot ID Expression Host HEK293** 

Tag C-Human Fc tag

Molecular

**Background** 

CDH17(Pro30-Gln128) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 37.3 kDa after removal of the signal peptide.

The purity of the protein is greater than 90% 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 Formulation &

lyophilization. Please see Certificate of Analysis 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 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

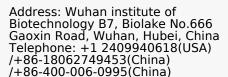
protein is a component of the gastrointestinal tract and pancreatic ducts, acting as an intestinal

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. Insultiple transcripts variants.

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

Research use only **Usage** Conjugate Unconjugated

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







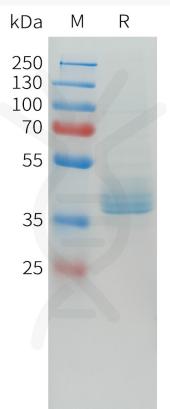


Figure 1. Human CDH17(30-128) Protein, hFc Tag on SDS-PAGE under reducing condition.

## Human CDH17(30-128), hFc Tagged protein ELISA

0.2 μg of Human CDH17(30-128), hFc tagged protein per well

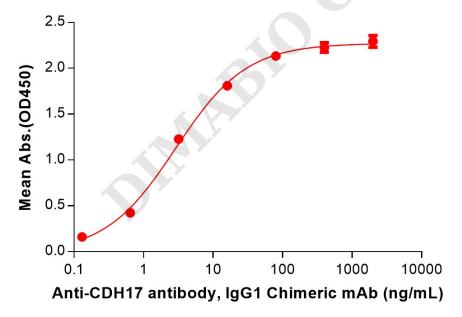


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human CDH17(30-128) Protein, hFc Tag (PME101562) can bind Anti-CDH17 antibody, lgG1 Chimeric mAb in a linear range of 0.13–16 ng/mL.

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



## **MA BIOTECH**

## Human CDH17(30-128), hFc Tagged protein ELISA

0.2 μg of Human CDH17(30-128), hFc tagged protein per well

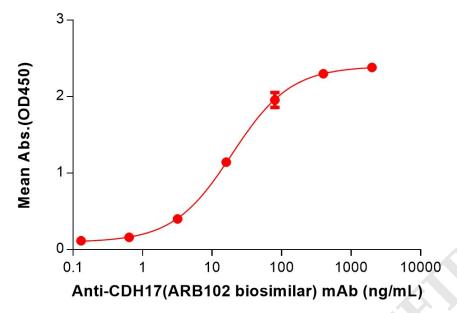


Figure 3. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human CDH17(30-128) Protein, hFc Tag (PME101562) can bind Anti-CDH17(ARB102 biosimilar) mAb (BME100198) in a linear range of 3.20–400 ng/mL.

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

