

PRODUCT INFORMATION

Target CDH17

Synonyms HPT1, CDH16, HPT-1

Recombinant human CDH17 Protein with C-Description

terminal human Fc tag

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

Tag C-Human Fc tag

Molecular

Purity

CDH17(Gln23-Met787) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 111.0 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% 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 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

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. Insultiple transcripts variants.

in multiple transcript variants. [provided by

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

RefSeq, Jan 2009]

Research use only **Usage**

Conjugate Unconjugated





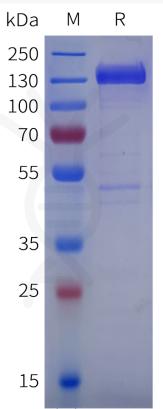
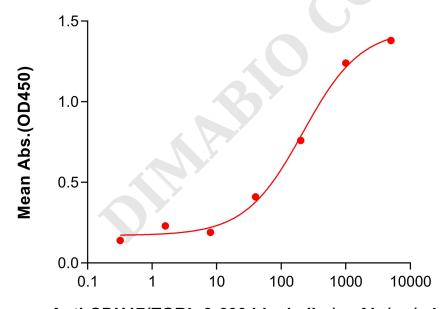


Figure 1.Human CDH17 Protein, hFc Tag on SDS-PAGE under reducing condition.

Human CDH17 Protein, hFc Tag ELISA

 $0.2~\mu g$ of Human CDH17, hFc tagged protein per well



Anti-CDH17(TORL-3-600 biosimilar) mAb (ng/mL)

Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human CDH17 Protein, hFc Tag (PME101841) can bind Anti-CDH17(TORL-3-600 biosimilar) mAb (BME100233) in a linear range of 40–1000 ng/mL. In order to specifically detect BME100233, mouse anti-human Fab-specific antibody was used as detection antibody.

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

