

## **PRODUCT INFORMATION**

CDH17 **Target** 

HPT-1; HPT1 **Synonyms** 

Recombinant human CDH17(129-244) Protein Description

with C-terminal human Fc tag

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

Tag C-Human Fc tag

Molecular

**Background** 

CDH17(Ser129-Pro244) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

39.0 kDa after removal of the signal peptide. The apparent molecular mass of CDH17(129-244)-hFc **Molecular Weight** 

is approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% 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 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. [provided by

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

RefSeq, Jan 2009]

Usage Research use only

Conjugate Unconjugated





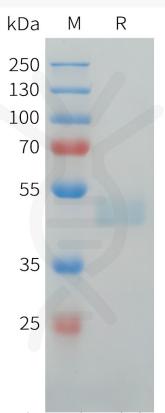


Figure 1. Human CDH17(129-244) Protein, hFc Tag on SDS-PAGE under reducing condition.

## Human CDH17(129-244), hFc Tagged protein ELISA

0.2 μg of Human CDH17(129-244), hFc tagged protein per well

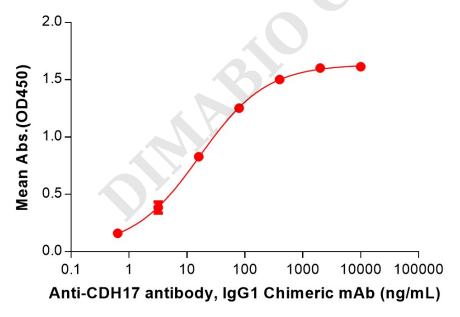


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human CDH17(129-244) Protein, hFc Tag (PME101563) can bind Anti-CDH17 antibody, IgG1 Chimeric mAb in a linear range of 0.64–80 ng/mL.

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