

PRODUCT INFORMATION

Target CDH17

HPT-1; HPT1 **Synonyms**

Recombinant human CDH17(341-449) Protein Description

with C-terminal human Fc tag

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

Tag C-Human Fc tag

Molecular

Background

CDH17(Pro341-Phe449) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 38.6 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

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

RefSeq, Jan 2009]

Research use only **Usage**

Conjugate Unconjugated





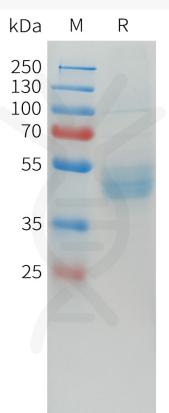


Figure 1. Human CDH17(341-449) Protein, hFc Tag on SDS-PAGE under reducing condition.

Human CDH17(341-449), hFc Tagged protein ELISA

0.2 μg of Human CDH17(341-449), hFc tagged protein per well

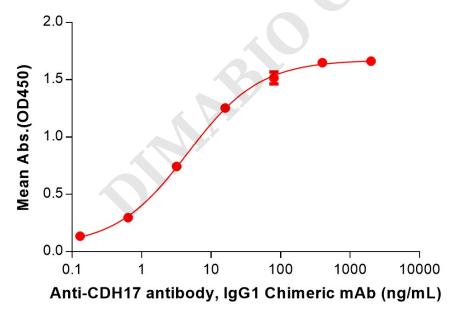


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human CDH17(341-449) Protein, hFc Tag (PME101565) can bind Anti-CDH17 antibody, IgG1 Chimeric mAb in a linear range of 0.13–16 ng/mL.

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