PRODUCT INFORMATION

Target	CDH17
Synonyms	HPT1, CDH16, HPT-1
Description	Recombinant human CDH17 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q12864
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	CDH17(Gln23-Met787) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 111.0 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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). Lyophilized proteins are shipped at ambient temperature.
Background	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 RefSeq, Jan 2009]
Usage	Research use only
Conjugate	Unconjugated

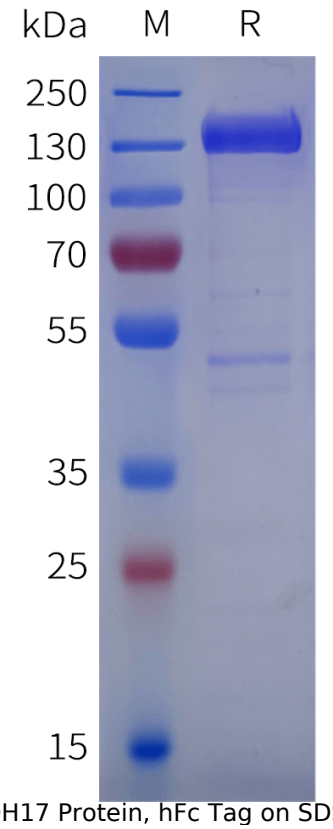

Figure 1.Human CDH17 Protein, hFc Tag on SDS-PAGE under reducing condition.

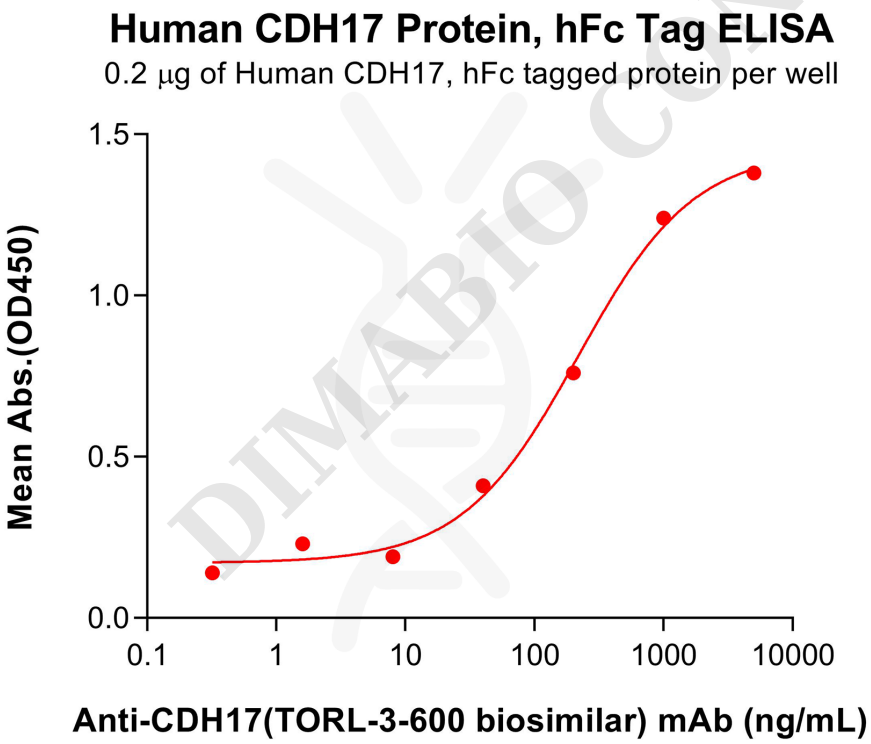

Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human CDH17 Protein, hFc Tag (PME101841) can bind Anti-CDH17(TORL-3-600 biosimilar) mAb (BME100233) in a linear range of 40–1000 ng/mL. In order to specifically detect BME100233, mouse anti-human Fab-specific antibody was used as detection antibody.