

## **PRODUCT INFORMATION**

CDH17 **Target** 

HPT-1; HPT1 **Synonyms** 

Recombinant human CDH17(23-128) Protein with Description

C-terminal human Fc tag

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

Tag C-Human Fc tag

Molecular

**Molecular Weight** 

**Background** 

CDH17(Gln23-Gln128) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

38.1 kDa after removal of the signal peptide. The apparent molecular mass of CDH17(23-128)-hFc 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 % Formulation & Reconstitution

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis 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

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in multiple transcript variants. [provided by

RefSeq, Jan 2009]

Usage Research use only

Conjugate Unconjugated





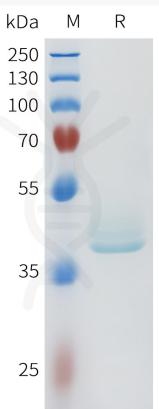


Figure 1. Human CDH17(23-128) Protein, hFc Tag on SDS-PAGE under reducing condition.



