

## 32-18363: Human CDH17(567-667) Protein, mFc Tag

**Uniprot ID :** Q12864

**Alternative Name :** CDH16; HPT-1; HPT1

### Description

**Description :** Recombinant human CDH17(567-667) Protein with C-terminal mouse Fc tag

**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.

**Molecular Characterization:** mass of 37.1 kDa after removal of the signal peptide. The apparent molecular mass of CDH17(567-667)-mFc is approximately 35-55 kDa due to glycosylation.

**Tag :** C-mouse Fc tag

### Product Info

**Amount :** 50 µg / 100 µg

**Purification :** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** 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.

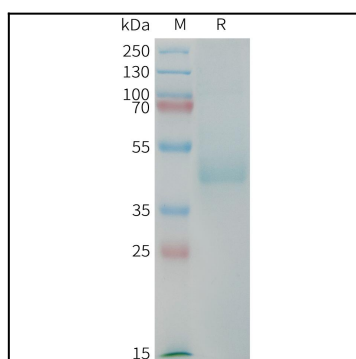


Figure 1. Human CDH17(567-667) Protein, mFc Tag on SDS-PAGE under reducing condition.