

## 32-18474: Cynomolgus CDH17 Protein, His Tag

**Uniprot ID :** A0A2K5X8I8  
**Alternative Name :** HPT1; CDH16; HPT-1

### Description

**Description :** Recombinant Cynomolgus CDH17 protein with C-terminal 10 $\text{\AA}$ —His 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 86.0 kDa after removal of the signal peptide.

**Tag :** C-10 $\text{\AA}$ —His tag

### Product Info

**Amount :** 50  $\mu\text{g}$  / 100  $\mu\text{g}$

**Purification :** The purity of the protein is greater than 85% 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 $^{\circ}\text{C}$  to -80 $^{\circ}\text{C}$  for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 $^{\circ}\text{C}$  (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

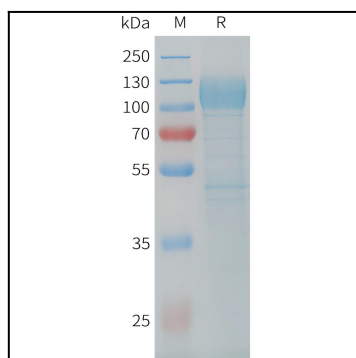


Figure 1. Cynomolgus CDH17 Protein, His Tag on SDS-PAGE under reducing condition.