

## 32-18467: Cynomolgus GUCY2C Protein, His Tag

**Uniprot ID :** G7PJX5

**Alternative Name :** GCC; GC-C; HSER; STAR; DIAR6; GUC2C; MECIL; MUCIL

### Description

**Description :** Recombinant Cynomolgus GUCY2C protein with C-terminal 10xHis tag

**Background :** This gene encodes a transmembrane protein that functions as a receptor for endogenous peptides guanylin and uroguanylin, and the heat-stable E. coli enterotoxin. The encoded protein activates the cystic fibrosis transmembrane conductance regulator. Mutations in this gene are associated with familial diarrhea (autosomal dominant) and meconium ileus (autosomal recessive).

**Molecular Characterization:** mass of 47.5 kDa after removal of the signal peptide.

**Tag :** C-10xHis tag

### Product Info

**Amount :** 50 µg / 100 µg

**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°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.

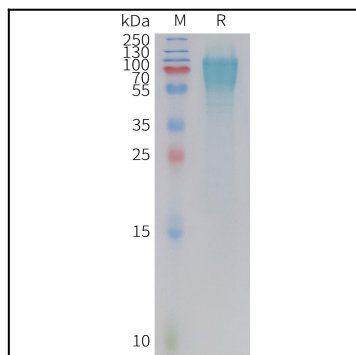


Figure 1. Cynomolgus GUCY2C Protein, His Tag on SDS-PAGE under reducing condition.