

## 32-17659: Recombinant Human GUCY2C Protein, His Tag

**Uniprot ID :** P25092

**Alternative Name :** DIAR6, GC-C, GUC2C, MECIL, MUCIL, STAR

### Description

Molecular Characterization: GUCY2C(Ser24-Gln430) 6 $\bar{A}$ —His tag

Molecular weight: The protein has a predicted molecular mass of 46.8 kDa after removal of the signal peptide. The apparent molecular mass of GUCY2C-His is approximately 55-130 kDa due to glycosylation.

Description: Recombinant human GUCY2C protein with C-terminal 6 $\bar{A}$ —His tag

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).

### Product Info

**Amount :** 100  $\mu$ g / 50  $\mu$ g

**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.