

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 \times 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 \times 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 μ g / 50 μ 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.