

PRODUCT INFORMATION

Target GUCY2C

GCC; GC-C; HSER; STAR; DIAR6; GUC2C; MECIL; **Synonyms**

MUCIL

Recombinant Cynomolgus GUCY2C protein with **Description**

C-terminal 10×His tag

Delivery In Stock **Uniprot ID** G7PJX5 **Expression Host HEK293**

Tag C-10×His tag

Molecular

Storage & Shipping

Background

Purity

GUCY2C(Ser24-Gln430) 10×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 47.5 kDa after removal of the signal peptide.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions.

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.

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). [provided

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by RefSeq, Nov 2016]

Research use only Usage Conjugate Unconjugated



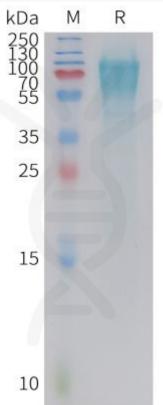


Figure 1. Cynomolgus GUCY2C Protein, His Tag on SDS-PAGE under reducing condition.

