

**PRODUCT INFORMATION**

<b>Target</b>	GUCY2C
<b>Synonyms</b>	GCC; GC-C; HSER; STAR; DIAR6; GUC2C; MECIL; MUCIL
<b>Description</b>	Recombinant Cynomolgus GUCY2C protein with C-terminal 10×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	G7PJX5
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-10×His tag
<b>Molecular Characterization</b>	GUCY2C(Ser24-Gln430) 10×His tag
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 47.5 kDa after removal of the signal peptide.
<b>Purity</b>	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	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 by RefSeq, Nov 2016]
<b>Usage</b>	Research use only





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

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