PRODUCT INFORMATION

Target	GUCY2C
Synonyms	GCC; GC-C; HSER; STAR; DIAR6; GUC2C; MECIL; MUCIL
Description	Recombinant Cynomolgus GUCY2C protein with C-terminal 10×His tag
Delivery	In Stock
Uniprot ID	G7PJX5
Expression Host	HEK293
Tag	C-10×His tag
Molecular Characterization	GUCY2C(Ser24-Gln430) 10×His tag
Molecular Weight	The protein has a predicted molecular mass of 47.5 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	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.
Storage&Shipping	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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
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). [provided by RefSeq, Nov 2016]
Usage	Research use only
Conjugate	Unconjugated

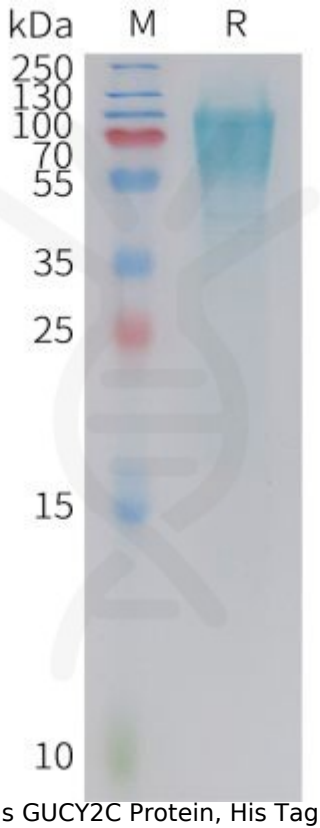

Figure 1. Cynomolgus GUCY2C Protein, His Tag on SDS-PAGE under reducing condition.