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Datasheet for ABIN7538317

## GUCY2C Protein (AA 24-430) (His tag)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	GUCY2C
Protein Characteristics:	AA 24-430
Origin:	Cynomolgus
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GUCY2C protein is labelled with His tag.

#### Product Details

Purpose:	Recombinant Cynomolgus GUCY2C protein with C-terminal 10xHis tag
Specificity:	GUCY2C (Ser24-Gln430) 10xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

#### Target Details

Target:	GUCY2C
Alternative Name:	GUCY2C ( <a href="#">GUCY2C Products</a> )
Background:	This gene encodes a transmembrane protein that functions as a receptor for endogenous

## Target Details

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]

Molecular Weight: predicted molecular mass of 47.5 kDa after removal of the signal peptide.

UniProt: [G7PJX5](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: 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.

Expiry Date: 12 months

## Images



### SDS-PAGE

**Image 1.** Cynomolgus GC Protein, His Tag on SDS-PAGE under reducing condition.