Purity

**Usage** 



## **PRODUCT INFORMATION**

Target GUCY2C
Synonyms Gcc;GC-C

**Description**Recombinant mouse GUCY2C protein with C-

terminal 6×His tag

Delivery In Stock
Uniprot ID Q3UWA6
Expression Host HEK293
Tag C-6×His Tag

C-0XHIS Ta

Molecular
Characterization
Mouse GUCY2C(Val20-Met433) 6×His tag

The protein has a predicted molecular mass of 47.9 kDa after removal of the signal peptide. The apparent molecular mass of mCLCV2C His is

apparent molecular mass of mGUCY2C-His is approximately 55-130 kDa due to glycosylation. 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 %
- 8% trehalose is added as protectants before
lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. 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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

Enables guanylate cyclase activity. Acts upstream of or within regulation of cell population

proliferation and response to toxic substance. Predicted to be located in endoplasmic reticulum and membrane. Predicted to be integral

and membrane. Predicted to be integral component of membrane. Predicted to be active

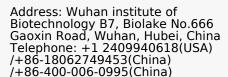
**Background**in plasma membrane. Is expressed in alimentary system and liver. Used to study abdominal

system and liver. Used to study abdominal obesity-metabolic syndrome and obesity. Human ortholog(s) of this gene implicated in congenital diarrhea 6. Orthologous to human GUCY2C (guanylate cyclase 2C). [provided by Alliance of Genome Resources, Apr 2022]

Research use only

Conjugate Unconjugated







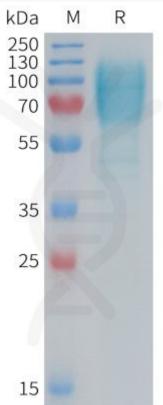


Figure 1. Mouse GUCY2C Protein, His Tag on SDS-PAGE under reducing condition.

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