

Recombinant Mouse GUCY2C protein, His-Avi-tagged, Biotinylated

Cat. No. GUCY2C-1497M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse GUCY2C protein(Val20-Met433), fused with His and Avi tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	20-433 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™). The protein has a calculated MW of 50.7 kDa. The protein migrates as 80-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Val20-Met433
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation

Biotin

GENE INFORMATION

Gene Name

Gucy2c guanylate cyclase 2c [*Mus musculus*]

Official Symbol

GUCY2C

Synonyms

GUCY2C; guanylate cyclase 2c; heat-stable enterotoxin receptor; STA receptor; guanylyl cyclase C; intestinal guanylate cyclase; heat stable enterotoxin receptor; Gcc; GC-C; AI893437; MGC107510;

Gene ID

14917

mRNA Refseq

NM_001127318

Protein Refseq

NP_001120790

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