

# Active Recombinant Human GUCY2C protein, Fc-Avi-tagged, Biotinylated

Cat. No. GUCY2C-1501H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human GUCY2C protein(Ser24-Gln430), fused with Avi and Fc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	24-430 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
<b>Bio-activity</b>	Immobilized Monoclonal Anti-Human GUCY2C Antibody, Human IgG1 at 1 µg/mL (100 µL/well) can bind Biotinylated Human GUCY2C, Fc,Avitag with a linear range of 0.8-25 ng/mL.Immobilized Biotinylated Human GUCY2C, Fc,Avitag at 1 µg/mL (100 µL/well) can bind Monoclonal Anti-Human GUCY2C Antibody, Human IgG1 with a linear range of 0.2-3 ng/mL.
<b>Molecular Mass</b>	This protein carries a human IgG1 Fc tag at the C-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 74.1 kDa. The protein migrates as 90-110 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Ser24-Gln430
<b>Endotoxin</b>	Less than 1.0 EU per

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	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 conditions after reconstitution.
<b>Reconstitution</b>	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.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">GUCY2C guanylate cyclase 2C (heat stable enterotoxin receptor) [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">GUCY2C</a>
<b>Synonyms</b>	GUCY2C; guanylate cyclase 2C (heat stable enterotoxin receptor); GUC2C; heat-stable enterotoxin receptor; STAR; GC-C; hSTAR; STA receptor; guanylyl cyclase C; intestinal guanylate cyclase;
<b>Gene ID</b>	<a href="#">2984</a>
<b>mRNA Refseq</b>	<a href="#">NM_004963</a>
<b>Protein Refseq</b>	<a href="#">NP_004954</a>
<b>MIM</b>	<a href="#">601330</a>

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

P25092

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA