

## Active Recombinant Human GUCY2C protein, His-tagged, FITC-Labeled

Cat. No. GUCY2C-1502H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	FITC-Labeled Recombinant Human GUCY2C protein(Ser24-Gln430), fused with His 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 5 µg/mL (100 µL/well) can bind FITC-Labeled Human GUCY2C, His Tag with a linear range of 0.156-0.625 µg/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 47.9 kDa. The protein migrates as 60-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Ser24-Gln430
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.

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**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 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** FITC

## GENE INFORMATION

**Gene Name** [GUCY2C guanylate cyclase 2C \(heat stable enterotoxin receptor\) \[ Homo sapiens \]](#)

**Official Symbol** [GUCY2C](#)

**Synonyms** 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;

**Gene ID** [2984](#)

**mRNA Refseq** [NM\\_004963](#)

**Protein Refseq** [NP\\_004954](#)

**MIM** [601330](#)

**UniProt ID** [P25092](#)

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