

Active Recombinant Human GUCY2C Protein, His-tagged, Site-specific APC-Labeled

Cat. No. GUCY2C-4677H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Site-specific APC-Labeled Active Recombinant Human GUCY2C Protein(P25092-1)(Ser 24 - Gln 430), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser 24 - Gln 430
Tag	C-His
Conjugation/Label	Site-specific APC
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.5% BSA, pH7.4 with trehalose as protectant.
Bio-activity	5e5 of anti-GUCY2C CAR-293 cells were stained with 100 µL of 1:50 dilution (2 µL stock solution in 100 µL FACS buffer) of APC-Labeled Human GUCY2C Protein, His Tag and negative control protein respectively. APC signal was used to evaluate the binding activity.
Molecular Mass	The protein has a calculated MW of 49.6 kDa.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or

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lower.

Please protect from light and avoid repeated freeze-thaw cycles.

This product is stable after storage at:

-20°C to -70°C for 12 months in lyophilized state;

-70°C for 6 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.

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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