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

Cat. No. GUCY2C-4676H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Site-specific PE-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 PE
Form	Lyophilized from 0.22 μm filtered solution in PBS, 0.5% BSA, pH7.4.
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 PE-Labeled Human GUCY2C, His Tag and negative control protein respectively. PE 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 lower.

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	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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