Recombinant Human GUCY2C, His-tagged

Cat. No. GUCY2C-13620H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GUCY2C protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	25-372a.a.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

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;

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Gene ID	2984
mRNA Refseq	NM_004963
Protein Refseq	NP_004954
MIM	601330
UniProt ID	P25092
Chromosome Location	12p12
Pathway	Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem;
Function	ATP binding; GTP binding; guanylate cyclase activity; nucleotide binding; protein binding; protein kinase activity; receptor activity; toxin binding; transferase activity, transferring phosphorus-containing groups;

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