

Recombinant Human GUCY2C Protein (24-430 aa), His-tagged

Cat. No. GUCY2C-2766H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GUCY2C Protein (24-430 aa) is produced by Baculovirus expression system. This protein is fused with a 10xHis tag at the N-terminal. Research Area: Metabolism. Protein Description: Partial.
Species	Human
Source	Insect Cells
ProteinLength	24-430 aa
Form	Tris-based buffer, 50% glycerol
Molecular Mass	48.5 kDa
AA Sequence	SQVSQNCHNGSYEISVLMMGNSAFAEPLKNLEDAVNEGLEIVRGRLQNAGLNVTVN ATFMYS DGLIHNSGDCRSSTCEGLDLLRKISNAQRMGCVLIGPSTYSTFQMYLDTE LSYPMISAGSFGSLSCDYKETLTRLMS PARKLMYFLVNFWKTN DL PFKTYSWSTSYVY KNGTETEDCFWYLNAL EASVS YFSHELGFKV VLRQDKEFQDILMDHNRKSNVIIMCG GPEFLYKLKGDRAVAEDIVILVDLFNDQYFEDNVTAPDYMKNVLVLTSPGNSLLNS SFSRNLSP TKRDFALAYLNGILLFGHMLKIFLENGENITTPKFAHAFRNLT FEGYDGP VTLDDWGDVDSTMVLLYTSVDTKKYKVLLTYDTHVNKTYPVDMSPFTFWKNSKLPN DITGRGPQ
Purity	> 85% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

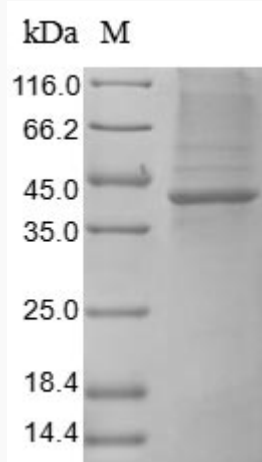
GENE INFORMATION

Gene Name	GUCY2C guanylate cyclase 2C (heat stable enterotoxin receptor) [Homo sapiens]
Official Symbol	GUCY2C
Synonyms	GUCY2C; 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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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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