

Recombinant Rat GUCY2C Protein (23-429 aa), His-Myc-tagged

Cat. No. GUCY2C-2640R Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Rat GUCY2C Protein (23-429 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Microbiology. Protein Description: Partial.

Species Rat

Source E.coli

ProteinLength 23-429 aa

Form Tris-based buffer,50% glycerol

Molecular Mass 51.9 kDa

AA Sequence

SQVRQKCHNGTYEISVLMMDNSAYKEPLQNLRDAVEEGLDIVRKRLREAELNVTVN
 ATFIYSDGLIHKSGDCRSSTCEGLDLLREITRDRKMGCVLMGPSCTYSTFQMYLDTE
 LNYPMISAGSFGSLSCDYKETLTRILPPARKLMYFLVDFWKVNNAPFKTFSWNSSYVY
 KNGSEPEDCFWYLNALAEAGVSYFSEVLSFKDVLRRSEQFQEILMGRNRKSNVIVMC
 GTPETFYNVKGDLKVADDTVVILVDLFSNHYFEDDTRAPEYMDNVLVLTLPPEKFIAN
 ASVSGRFPSPERSDFSLAYLEGTLFLGHMLQTFLENGESVTTPKFARAFRNLTFFQGLE
 GPVTLDDSGDIDNIMCLLYVSLDTRKYKVLMAVDTHKNQTIPVATSPNFIWKNHRLPN
 DVPGLGPQ

Purity > 85% as determined by SDS-PAGE.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

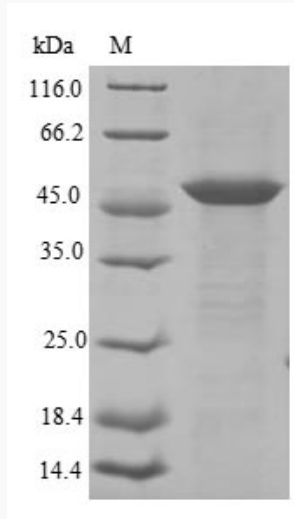
GENE INFORMATION

Gene Name	Gucy2c guanylate cyclase 2C [<i>Rattus norvegicus</i>]
Official Symbol	GUCY2C
Synonyms	GUCY2C; guanylate cyclase 2C; heat-stable enterotoxin receptor; GC-C; STA receptor; guanylyl cyclase C; GCC;
Gene ID	25711
mRNA Refseq	NM_013170
Protein Refseq	NP_037302
UniProt ID	P23897

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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