

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

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

SPECIFICATION

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| 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 DGLIHNSGDCRSSTCEGLDLLRKISNAQRMGCVLIGP SCTYSTFQMYLDTE LSYPMISAGS FGLSCDYKETLTRL MSPARKLMYFLVNFWKTN DL PFKTYSWSTSYVY KNGTETEDCFWYLNAL EASVSYFSHELGFKV VLRQDKEFQDILMDHNRKSNVIIMCG GPEFLYK LKGDRAVAEDIV IILVDLFNDQYFEDNVTAPDYMKNVLVLT LSPGN SLLNS SFSRNLSP TKRDFALAYLNGILLFGHMLKIFLENGENITTPKFAHA FRNLTFEGYDGP VTLDDWGDVDSTMVLLYTSVDTK KYVLLTYDTHVNKTYPVDMSPFTFTWKNSKLPN 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. |

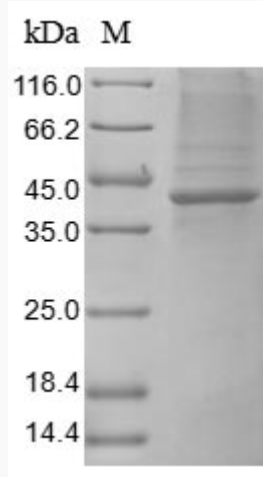
GENE INFORMATION

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|------------------------|---|
| 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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