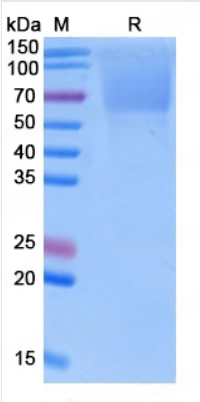
GUCY2C/GCC Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	GUCY2C/GCC, Recombinant Protein
Full Product Name	Recombinant Human GUCY2C/GCC Protein, C-His
Product Gene Name	GUCY2C/GCC recombinant protein
Product Synonym Names	STAR; Intestinal guanylate cyclase; GC-C; GUC2C; STA receptor; Heat-stable enterotoxin receptor; Guanylyl cyclase C; hSTAR; GUCY2C
Host	Mammalian
Form/Format	Liquid; 0.01M PBS, pH7.4.
Purity/Purification	>90% as determined by SDS-PAGE
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt.
Molecular Weight	123,403 Da
Sequence Positions	Met1-Gln430
OMIM	601330
3D Structure	ModBase 3D Structure for P25092
Species	Human
Reconstitution	Reconstitute in sterile water for a stock solution.
Product Categories/Family for GUCY2C/GCC recombinant protein	Recombinant Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for GUCY2C/GCC recombinant protein	SDS-PAGE (SDS), Western Blot (WB), ELISA (EIA), Immunogen
Related Product Information for GUCY2C/GCC recombinant protein	MBS1576311 is a recombinant protein targeting GUCY2C/GCC. Also known as Recombinant Human GUCY2C/GCC Protein, C-His. Host: Mammalian.
Other Notes	Small volumes of GUCY2C/GCC recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-Page of GUCY2C/GCC recombinant protein
SDS PAGE for recombinant Human GUCY2C/GCC Protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GUCY2C/GCC. It may not necessarily be applicable to this product.

NCBI GI #	222080083
NCBI GeneID	2984
NCBI Accession #	NP_004954.2
UniProt Primary Accession #	P25092
UniProt Secondary Accession #	B2RMY6
UniProt Related Accession #	P25092
GenBank Nucleotide #	NM_004963.3
NCBI Official Full Name	heat-stable enterotoxin receptor
NCBI Official Synonym Full Names	guanylate cyclase 2C
NCBI Official Symbol	GUCY2C
NCBI Official Synonym Symbols	STAR; DIAR6; GUC2C; MECIL; MUCIL
UniProt Protein Name	Heat-stable enterotoxin receptor
UniProt Synonym Protein Names	Guanylyl cyclase C; GC-C; Intestinal guanylate cyclase
UniProt Gene Name	GUCY2C
UniProt Synonym Gene Names	GUC2C; STAR; STA receptor; hSTAR; GC-C
NCBI Protein Information	heat-stable enterotoxin receptor
UniProt Comments for GUCY2C/GCC	Receptor for the E.coli heat-stable enterotoxin (E.coli enterotoxin markedly stimulates the accumulation of cGMP in mammalian cells expressing GC-C). Also activated by the endogenous peptides guanylin and uroguanylin.
Research Articles on GUCY2C/GCC	**1.** High guanylyl cyclase C expression is associated with colon cancer recurrence.
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