

Guanylyl cyclase C/GUCY2C Recombinant Protein | GUCY2C recombinant protein

Recombinant Human Guanylyl cyclase C/GUCY2C Protein

CATALOG #
AAA282517

HOST
HEK293 cells

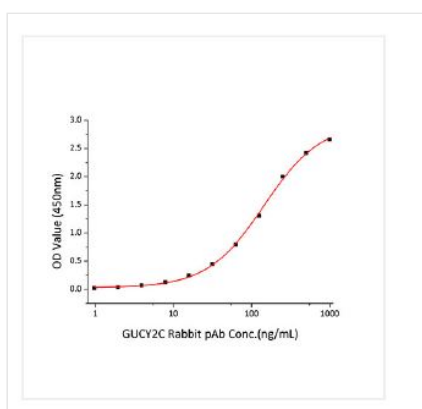
PRODUCT SYNONYMS

Guanylyl cyclase C/GUCY2C; Recombinant Human Guanylyl cyclase C/GUCY2C Protein; GUCY2C; DIAR6; GC-C; GUC2C; MECIL; MUCIL; STAR; GUCY2C recombinant protein

PRODUCT SPECIFICATIONS

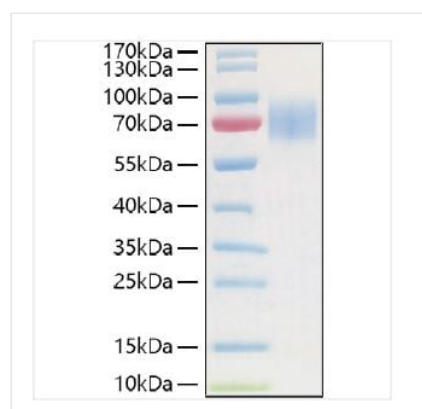
Host	HEK293 cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Human
Tag	C-His&Avi
Bioactivity	Measured by its binding ability in a functional ELISA. Immobilized Human GUCY2C at 1 ug/mL (100 uL/well) can bind GUCY2C Rabbit pAb with a linear range of 1-144 ng/mL.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



Application Data

Immobilized recombinant Human GUCY2C at 1ug/mL (100 uL/well) can bind GUCY2C Rabbit pAb with a linear range of 1-144ng/mL.



SDS-PAGE

Active Recombinant Human Guanylyl cyclase C/GUCY2C Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 60-90kDa.

ADDITIONAL INFORMATION

Related Product Information for GUCY2C recombinant protein

Recombinant Human Guanylyl cyclase C/GUCY2C Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser24-Gln430) of human GUCY2C/Guanylyl cyclase (Accession #NP_004954.2) fused with a 6×His, Avi tag at the C-terminus.

NCBI AND UNIPROT INFORMATION

NCBI GI #	222080083
NCBI GeneID	2984
NCBI Accession #	NP_004954.2
NCBI GenBank Nucleotide #	NM_004963.3
UniProt Accession #	P25092; B2RMY6
Molecular Weight	123,403 Da
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
NCBI Protein Information	heat-stable enterotoxin receptor
UniProt Protein Name	Heat-stable enterotoxin receptor
UniProt Gene Name	GUCY2C
UniProt Synonym Gene Names	GUC2C; STAR; STA receptor; hSTAR; GC-C

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.