

GPCY2C/Guanylyl cyclase C Recombinant Protein | GUCY2C recombinant protein

Biotinylated Human GUCY2C/Guanylyl cyclase C Protein Recombinant

CATALOG #	HOST
AAA76309	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

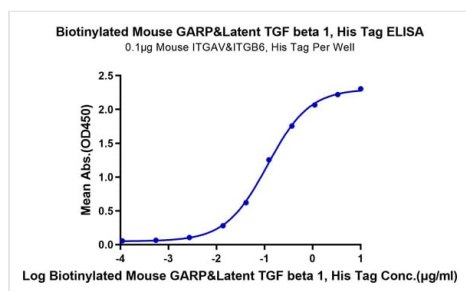
PRODUCT SYNONYMS

GPCY2C/Guanylyl cyclase C; Biotinylated Human GUCY2C/Guanylyl cyclase C Protein Recombinant; GUCY2C recombinant protein

PRODUCT SPECIFICATIONS

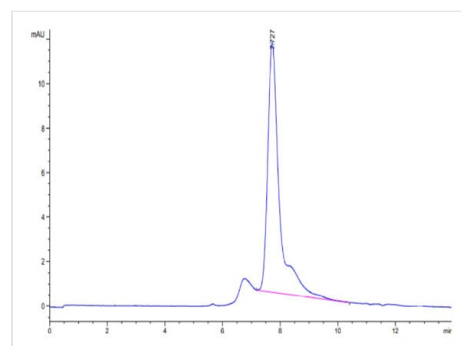
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human GUCY2C/Guanylyl cyclase C was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human GUCY2C/Guanylyl cyclase C including a C-His-Avi tag was expressed in HEK293 Cells.The recombinant protein was then biotinylated site specific using the AVitag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



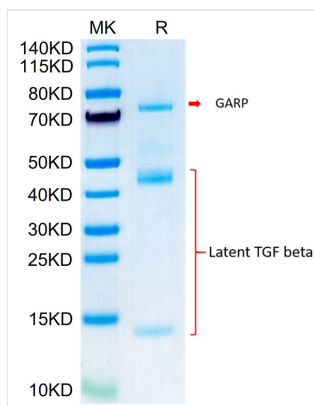
ELISA

Biotinylated Mouse GARP&Latent TGF beta 1 Complex Protein ELISA Data: Immobilized Mouse ITGAV&ITGB6, His Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Mouse GARP&Latent TGF beta 1 Complex, His Tag with the EC50 of 0.12 µg/ml determined by ELISA.



Application Data

Biotinylated Mouse GARP&Latent TGF beta 1 Complex Protein SEC-HPLC: The purity of Biotinylated Mouse GARP&Latent TGF beta 1 Complex is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Mouse GARP&Latent TGF beta 1 Complex Protein Tris-Bis PAGE Biotinylated Mouse GARP&Latent TGF beta 1 Complex on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for GUCY2C recombinant protein Biotinylated proteins

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.

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Online datasheet: <https://www.aaabiotech.com/gucy2c-recombinant-protein-hek293/76309>