Biotinylated Human GUCY2C/Guanylyl cyclase C Protein

Catalog # GUCY2C-HB001 Form: Lyophilized

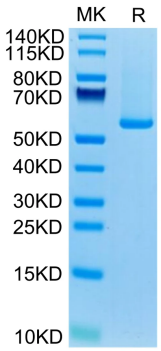
Product Details

Product description	Recombinant Biotinylated Human GUCY2C/Guanylyl cyclase C Protein is expressed in HEK293 cells with a His tag and Avi tag at the C-terminus. It contains amino acid residues Ser24-Gln430 (UniProt accession: P25092-1).
Molecular aliases	Guanylyl cyclase C; GC-C; STAR; GUCY2C; GUC2C; STA receptor; DIAR6; EC 4.6.1; GCC; GUC2CEC 4.6.1.2; MUCIL; EC4.6.1; GUC2CEC4.6.1.2
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 48.8 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
Storage	-20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Biotinylated Human GUCY2C on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.