

Biotinylated Human GUCY2C/Guanylyl cyclase C Protein, His-Avi Tag

产品信息

产品名称	产品编号	规格
	93148ES60	100 µg
Biotinylated Human GUCY2C Guanylyl cyclase C Protein, His-Avi Tag	93148ES76	500 µg
	93148ES80	1 mg

产品描述

Guanylyl cyclase C (GUCY2C) has canonical centrality in defense of key intestinal homeostatic mechanisms, encompassing fluid and electrolyte balance, epithelial dynamics, antitumorogenesis, and intestinal barrier function. GUCY2C may represent a new target for anti-obesity pharmacotherapy.

产品性质

Synonyms	Guanylyl cyclase C; GC-C; STAR; GUCY2C; GUC2C; STA receptor; DIAR6; EC 4.6.1; GCC; GUC2CEC 4.6.1.2; MUCIL
Uniprot No.	P25092-1
Source	Recombinant Biotinylated Human GUCY2C/Guanylyl cyclase C Protein is expressed from HEK293 Cells with His tag and Avi tag at the C-terminal. It contains Ser24-Gln430.
Molecular Weight	The protein has a predicted MW of 48.8 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Purity	> 95% as determined by SDS-PAGE and HPLC
Endotoxin	< 1.0 EU per 1µg of the protein 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.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

运输与保存方法

The products are shipped with ice pack and can be stored at -20°C for 1 year.

2-7 days, 2 to 8 °C under sterile conditions after reconstitution.

3 -6 months, -20 to -80°C under sterile conditions after reconstitution.

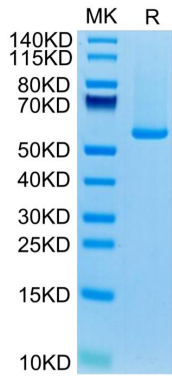
Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.

注意事项

1. For your safety and health, please wear lab coats and disposable gloves for operation.
2. For research use only!

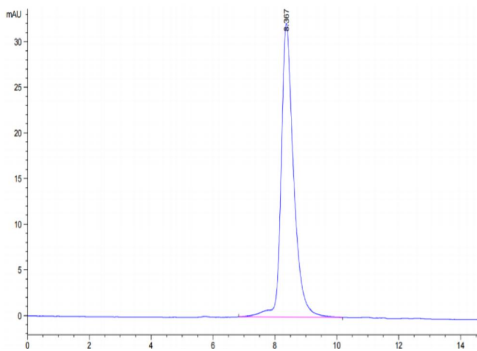
产品数据

Tris-Bis PAGE



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

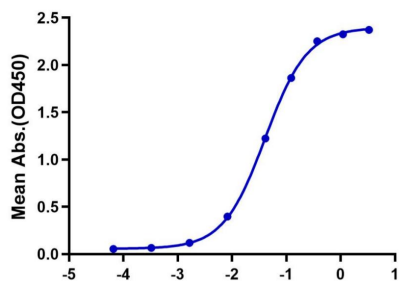
SEC-HPLC



The purity of Biotinylated Human GUCY2C is greater than 95% as determined by SEC-HPLC.

ELISA Data

Biotinylated Human GUCY2C, His Tag ELISA
0.1 μ g Anti-GUCY2C Antibody, hFc Tag Per Well



Immobilized Anti-GUCY2C Antibody at 1 μ g/mL (100 μ l/well) on the plate. Dose response curve for Biotinylated Human GUCY2C, His Tag with the EC₅₀ of 40.9ng/mL determined by ELISA.

Log Biotinylated Human GUCY2C, His Tag Conc.(μ g/ml)