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GUCY2C/Guanylyl cyclase C
Catalog # PVGS1814

Specification

GUCY2C/Guanylyl cyclase C - Product Information

Primary Accession XP_005570270.1

Species
Cynomolgus

Sequence
Ser24-Gln430

Purity
> 95% as determined by Bis-Tris PAGE
 > 95% as determined by HPLC

Endotoxin Level
Less than 1EU per μg by the LAL method.

Biological Activity
Immobilized GUCY2C/Guanylyl cyclase C, His, Cynomolgus (Cat.No.: Z03914) at 5 μg/ml (100 μl/Well) on the plate can bind Anti-GUCY2C Antibody, hFc Tag

Expression System
HEK293

Theoretical Molecular Weight
47.2 kDa

Formulation **Lyophilized from a 0.22 μm filtered solution in PBS, pH 7.4 .**

Reconstitution
It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH₂O more than 100 μg/ml.

Storage & Stability
Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

GUCY2C/Guanylyl cyclase C - Additional Information

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

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GUCY2C/Guanylyl cyclase C - Protein Information

GUCY2C/Guanylyl cyclase C - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GUCY2C/Guanylyl cyclase C - Images