

GUCY2C/Guanylyl cyclase C
Catalog # PVGS1811**Specification**

GUCY2C/Guanylyl cyclase C - Product Information

Primary Accession [Q3UWA6-1](#)
Species
Mouse

Sequence
Val20-Met433

Purity
> 95% as determined by Bis-Tris PAGE
> 90% as determined by HPLC

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

Expression System
HEK293

Theoretical Molecular Weight
50.01 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.

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.

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 Cytometry](#)
- [Cell Culture](#)

GUCY2C/Guanylyl cyclase C - Images