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GUCY2C/Guanylyl cyclase C

Catalog # PVGS1814

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 □g by the LAL method.
Biological Activity	Immobilized GUCY2C/Guanylyl cyclase C, His, Cynomolgus (Cat.No.: Z03914) at 5 □g/ml (100 □l/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 □m 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 ddH_2O more than 100 □g/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.

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.

Protein Information

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.