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32-18531: Mouse GUCY2C Protein, His Tag

Uniprot ID : Q3UWA6
Alternative Name : Gcc;GC-C

Description

Description : Recombinant mouse GUCY2C protein with C-terminal 6Ã—His tag
Background : Enables guanylate cyclase activity. Acts upstream of or within regulation of cell population proliferation and response to toxic substance. Predicted to be located in endoplasmic reticulum and membrane. Predicted to be integral component of membrane. Predicted to be active in plasma membrane. Is expressed in alimentary system and liver. Used to study abdominal obesity-metabolic syndrome and obesity. Human ortholog(s) of this gene implicated in congenital diarrhea 6. Orthologous to human GUCY2C (guanylate cyclase 2C).
Molecular Characterization: mass of 47.9 kDa after removal of the signal peptide. The apparent molecular mass of mGUCY2C-His is approximately 55-130 kDa due to glycosylation.
Tag :C-6Ã—His Tag

Product Info

Amount :	50 µg / 100 µg
Purification :	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

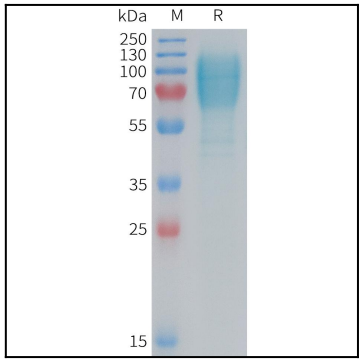


Figure 1. Mouse GUCY2C Protein, His Tag on SDS-PAGE under reducing condition.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.