

Human PPARG / Nr1c3 / PPARGgamma Protein (His & GST Tag)

Catalog Number: 12019-H20B



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

CIMT1; GLM1; NR1C3; PPARG1; PPARG2; PPARGgamma

Protein Construction:

A DNA sequence encoding the human PPARG isoform 2 (P37231-1) (Met 1-Tyr 505) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

Source: Human

Expression Host: Baculovirus-Insect Cells

QC Testing

Purity: > 65 % as determined by SDS-PAGE

Endotoxin:

< 1.0 EU per µg of the protein as determined by the LAL method

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Met

Molecular Mass:

The recombinant human PPARG/GST chimera consists of 742 amino acids and has a calculated molecular mass of 85.4 kDa. It migrates as an approximately 85.4 kDa band in SDS-PAGE under reducing conditions as predicted.

Formulation:

Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 7.4, 20% gly, 0.3mM DTT

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

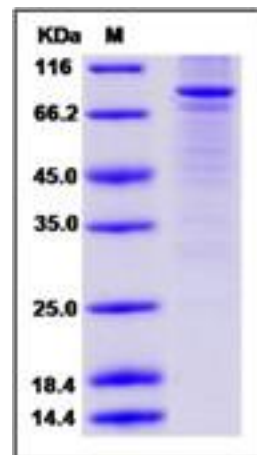
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



References

- 1.Hamblin M, *et al.* (2009) PPARs and the Cardiovascular System. *Antioxid Redox Signal.* 11 (6): 1415-52.
- 2.Khateeb J, *et al.* (2010) Paraonase 1 (PON1) expression in hepatocytes is upregulated by pomegranate polyphenols: a role for PPAR-gamma pathway. *Atherosclerosis.* 208 (1): 119-25.
- 3.Fajas L, *et al.* (1997) The organization, promoter analysis, and expression of the human PPARGgamma gene. *J Biol Chem.* 272 (30): 18779-89.

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