

Recombinant Human PPARG protein, His&GST-tagged

Cat. No. PPARG-7002H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPARG protein(P37231-1)(Met1-Tyr505), fused with His&GST tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Tyr505
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 7.4, 20% gly, 0.3mM DTTPlease contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 65 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name PPARG peroxisome proliferator-activated receptor gamma [Homo sapiens]

Official Symbol PPARG

Synonyms PPARG; peroxisome proliferator-activated receptor gamma; peroxisome proliferative activated receptor, gamma; NR1C3; PPARG1; PPARG2; PPARGgamma; PPAR gamma; PPAR-gamma; nuclear receptor subfamily 1 group C member 3; peroxisome proliferator-activated receptor gamma 1; peroxisome proliferator-activated nuclear receptor gamma variant 1; GLM1; CIMT1;

Gene ID 5468

mRNA Refseq NM_005037

Protein Refseq NP_005028

MIM 601487

UniProt ID P37231

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