

Recombinant Human PPARG protein, His/MBP-tagged

Cat. No. PPARG-321H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPARG(4-306 aa) fused with His/MBP tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	4-306 aa
Description	This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR) subfamily of nuclear receptors. PPARs form heterodimers with retinoid X receptors (RXRs) and these heterodimers regulate transcription of various genes. Three subtypes of PPARs are known: PPAR-alpha, PPAR-delta, and PPAR-gamma. The protein encoded by this gene is PPAR-gamma and is a regulator of adipocyte differentiation. Additionally, PPAR-gamma has been implicated in the pathology of numerous diseases including obesity, diabetes, atherosclerosis and cancer. Alternatively spliced transcript variants that encode different isoforms have been described.
Form	Liquid in PBS
Purity	SDS-PAGE >90%
Applications	WB Positive Control

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Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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