

Recombinant Human PPARG Protein, His-tagged

Cat. No. PPARG-4935H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Peroxisome Proliferator Activated Receptor Gamma Human Recombinant fused to an amino terminal hexahistidine tag is expressed in E.coli.
Species	Human
Source	E.coli
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	Sterile Filtered clear solution.
Molecular Mass	59.2 kDa
Purity	Greater than 90.0% as determined by SDS-PAGE.
Usage	Our products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or

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	household chemicals.
Storage	Store at 4 centigrade if entire vial will be used within 2-4 weeks. Store, frozen at -20 centigrade for longer periods of time. Avoid multiple freeze-thaw cycles.
Storage Buffer	The protein solution contains 20mM Tris-HCl and 50% glycerol.
Shipping	Ice Packs

GENE INFORMATION

Gene Name	PPARG peroxisome proliferator activated receptor gamma [Homo sapiens (human)]
Official Symbol	PPARG
Synonyms	PPARG; peroxisome proliferator activated receptor gamma; GLM1; CIMT1; NR1C3; PPARG1; PPARG2; PPARG5; PPARgamma; peroxisome proliferator-activated receptor gamma; PPAR-gamma; nuclear receptor subfamily 1 group C member 3; peroxisome proliferator-activated nuclear receptor gamma variant 1; peroxisome proliferator-activated receptor-gamma 5; peroxisome proliferator-activated receptor-gamma splicing
Gene ID	5468
mRNA Refseq	NM_015869
Protein Refseq	NP_056953
MIM	601487

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