

Recombinant Human PPARG Protein, His-tagged

Cat. No. PPARG-67H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPARG Protein, His-tagged, expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-505 aa
Description	The peroxisome proliferator activated receptors (PPARs) are ligandactivated transcription factors within the nuclear receptor superfamily, which play important roles in adipogenesis, glucose homeostasis and inflammation. Three different isotypes can be distinguished; alpha, beta and gamma. PPARγ, is mainly expressed in adipose tissue and to lesser extent in colon, the immune system and the retina. Whereas PPARγ operates in the catabolism of fatty acids in the liver, PPARγ influences the storage of fatty acids in the adipose tissue and plays a role in adipocyte differentiation. PPARγ binds to DNA as a heterodimer with retinoid X receptor (RXR), activating expression of target genes after binding ligand.
Tag	His
Form	Sterile Filtered clear solution
Molecular Mass	59.2 kDa
Purity	> 90.0% as determined by SDS-PAGE

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Stability	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.
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Usage	The products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
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Storage Buffer	The protein solution contains 20mM Tris-HCl and 50% glycerol
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GENE INFORMATION

Gene Name	PPARG peroxisome proliferator activated receptor gamma [Homo sapiens (human)]
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Official Symbol	PPARG
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Synonyms	Peroxisome proliferator-activated receptor gamma, PPAR-gamma, PPARG, NR1C3, PPARG1, PPARG2
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Gene ID	5468
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MIM	601487
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UniProt ID	P37231
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