

## Product datasheet for **AR09574PU-L**

### PPAR-gamma (209-477, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	PPAR-gamma (209-477, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH MADLRALAKH LYDSYIKSFP LTKAKARAIL TGKTTDKSPF VIYDMNSLMM GEDKIKFKHI TPLQEQSKEV AIRIFQGCQF RSVEAVQEIT EYAKSIPGFV NLDLNDQVTL LKYGVHEIY TMLASLMNKD GVLISEGQGF MTREFLKSLR KPFGDFMEPK FEFAVKFNAL ELDDSDLAIF IAVIILSGDR PGLLNKPIE DIQDNLLQAL ELQLKLNHPE SSQLFAKLLQ KMTDLRQIVT EHVQLLQVIK KTETDMSLHP LLQEIYKDLY</u>
Tag:	His-tag
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1 M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PPARG protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001317544</u>
Locus ID:	5468
UniProt ID:	<u>A0A494C1F9</u> , <u>E9PFX5</u>
Cytogenetics:	3p25.2
Synonyms:	CIMT1; GLM1; NR1C3; PPARG1; PPARG2; PPARG5; PPARgamma



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**Summary:**

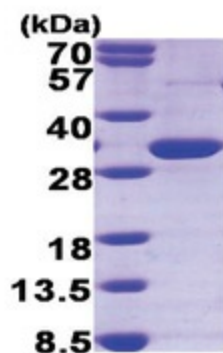
This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR) subfamily of nuclear receptors. PPARs form heterodimers with retinoid X receptors (RXRs) and these heterodimers regulate transcription of various genes. Three subtypes of PPARs are known: PPAR-alpha, PPAR-delta, and PPAR-gamma. 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. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

**Protein Pathways:**

Huntington's disease, Pathways in cancer, PPAR signaling pathway, Thyroid cancer

**Product images:**

15% SDS-PAGE (3ug)