

Product datasheet for **TP312502M**

PPAR gamma (PPARG) (NM_015869) Human Recombinant Protein

Product data:

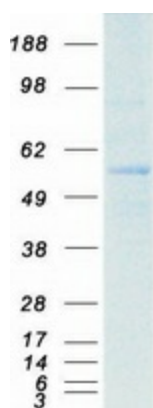
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human peroxisome proliferator-activated receptor gamma (PPARG), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212502 representing NM_015869 Red =Cloning site Green =Tags(s)
	<p>MGETLGDSPIDPESDSFTDTLSANISQEMTMVDTEMPFWPTNFGISSVDLSVMEDHSHSFDIKPFTTVDF SSISTPHYEDIPFTRTDPVVADYKYDLKLQEYQSAIKVEPASPPYYSEKTQLYNKPHEEPSNSLMAIECR VCGDKASGFHYGVHACEGCKGFFRRTIRLKLIDRCDLNCRIHKKSRNKCQYCRFQKCLAVGMSHNAIRF GRMPQAEKEKLLAEISSDIDQLNPESADLRALAKHLYDSYIKSFPLTKAKARAILTGKTTDKSPFVIYDM NSLMMGEDKIKFKHITPLQEQSKEVAIRIFQGCQFRSVEAVQEITEYAKSIPGFVNLDLNDQVTLTKYGV HEIIYTMLASLMNKDGVLISEGQGFMTRFLKSLRKPFGDFMEPKFEFAVKFNALEDDSDLAIFIIVII LSGDRPGLLNVPIDIQDNLQALELQLKLNHPESQLFAKLLQKMTDLRQIVTEHVQLLQVIKKTETD MSLHPLLQEIKDLY</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	57.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_056953
Locus ID:	5468
UniProt ID:	P37231
RefSeq Size:	1820
Cytogenetics:	3p25.2
RefSeq ORF:	1515
Synonyms:	CIMT1; GLM1; NR1C3; PPARG1; PPARG2; PPARG5; PPARGgamma
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:



Coomassie blue staining of purified PPARG protein (Cat# [TP312502]). The protein was produced from HEK293T cells transfected with PPARG cDNA clone (Cat# [RC212502]) using MegaTran 2.0 (Cat# [TT210002]).