

**PPARG, 209-477aa, Human, His tag, E.coli**

**Cat.NO.: TP03481**

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3th Edition

**Synonyms:** Peroxisome proliferator-activated receptor gamma, NR1C3, CIMT1, GLM1, NR1C3, PPARG1, PPARG2, PPARgamma.

**Description:** PPARG, also known as Peroxisome proliferator-activated receptor gamma, is member of the nuclear hormone receptor subfamily of transcription factors. This protein regulates transcription of genes involved in Insulin action, adipocyte differentiation, lipid metabolism and inflammation. It is implicated in numerous diseases including obesity, diabetes, atherosclerosis and cancer.

**Form:** Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl

**Molecular Weight:** 33.0kDa (290aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMADLRALAKHLYDSYIKSFPLTKAKARAILTGKTTDKSPFVIYDMNSLMMGEDKIKF  
KHITPLQEQSKEVAIRIFQGCQFRSVEAVQEITEYAKSIPGFVNLDLNDQVTLLKYGVHEIITYTMLASLMNKDGVLISE  
GQGFMTREFLKSRLKPFQDFMEPKFEFAVKFNALELDDSDLAIFIAVILSGDRPGLLNKPIEDIQDNLLQALELQLKL  
NHPESSQLFAKLLQKMTDLRQIVTEHVQLLQVIKKTETDMSLHPLLQEIYKDLY

**Purity:** > 95% by HPLC

**Concentration:** 1.0 mg/ml (determined by Bradford assay)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.