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32-3095: PPARG Recombinant Protein

Alternative Name : Peroxisome proliferator-activated receptor gamma,PPAR-gamma,PPARG,NR1C3,PPARG1,PPARG2.

Description

Source : Escherichia Coli. Peroxisome Proliferator Activated Receptor Gamma Human Recombinant is expressed in E.coli having a molecular weight of 59.2 kDa and fused to an amino terminal hexahistidine tag. The peroxisome proliferator activated receptors (PPARs) are ligandactivated transcription factors within the nuclear receptor superfamily, which play important roles in adipogenesis, glucose homeostasis andinflammation. Three different isotypes can be distinguished; alpha, beta and gamma. PPARg, is mainly expressed in adipose tissue and to lesser extent in colon, the immune system and the retina. Whereas PPARg operates in the catabolism of fatty acids in the liver, PPARg influences the storage of fatty acids in the adipose tissue and plays a role in adipocyte differentiation. PPARg binds to DNA as a heterodimer with retinoid X receptor (RXR), activating expression of target genes after binding ligand.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	The protein solution contains PBS, 50% glycerol and 0.01% azide.
Storage condition :	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.