
PPAR γ

Human, Recombinant, *E. coli*

Cat. No.: RCP9206

Size: 10 μ g

Synonym: Peroxisome Proliferator-Activated Receptor, γ -isotype

Description: This nuclear receptor functions as a transcription factor and plays an important role in controlling differentiation and fatty acid metabolism. Activation of this receptor appears to be vital in modulating the expression of metabolic control proteins and consequently controlling fatty acid metabolism in cardiac muscle. This marker may be a useful drug target for therapeutic intervention in cardiac disease. PPAR γ is also involved in the pathogenesis of important metabolic disorders such as obesity and non-insulin-dependent diabetes (NIDDM).

RANDOX recombinant PPAR γ comprises a 477 amino acid fragment (29-505) corresponding to the mature PPAR γ protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid.
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1%(w/v) SDS, 0.1%(w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.

References: Schiffrin, E.L. *et al.* (2003) *Hypertension*. **42(4)**: 664-8.