

Datasheet for ABIN1001104  
**PPARG Protein (AA 29-505) (His tag)**



[Go to Product page](#)

### Overview

Quantity:	10 µg
Target:	PPARG
Protein Characteristics:	AA 29-505
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPARG protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

### Product Details

Purpose:	Peroxisom Proliferator-Acivated Receptor Gamma (PPAR-g) (Western Blot Control)
Sequence:	MTMVDTEMPF WPTNFGISSV DLSVMEDHSH SFDIKPFTTV MTMVDTEMPF WPTNFGISSV DLSVMEDHSH SFDIKPFTTV MTMVDTEMPF WPTNFGISSV DLSVMEDHSH SFDIKPFTTV MTMVDTEMPF WPTNFGISSV DLSVMEDHSH SFDIKPFTTV MTMVDTEMPF WPTNFGISSV DLSVMEDHSH SFDIKPFTTV MTMVDTEMPF WPTNFGISSV DLSVMEDHSH SFDIKPFTTV MTMVDTEMPF WPTNFGISSV DLSVMEDHSH SFDIKPFTTV MTMVDTEMPF WPTNFGISSV DLSVMEDHSH SFDIKPFTTV MTMVDTEMPF WPTNFGISSV DLSVMEDHSH SFDIKPFTTV MTMVDTEMPF WPTNFGISSV DLSVMEDHSH SFDIKPFTTV MTMVDTEMPF WPTNFGISSV DLSVMEDHSH SFDIKPFTTV DLRQIVTEHV QLLQVIKKTE TDMSLHPLLQ EYKDLZY
Characteristics:	recombinant PPAR $\gamma$ comprises a 477 amino acid fragment (29-505) corresponding to the mature PPAR $\gamma$ protein and is expressed in E. coli with an amino-terminal hexahistidine tag.

## Product Details

---

Purity: > 95 %

## Target Details

---

Target: PPARG

Abstract: [PPARG Products](#)

Background: 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. PPARg is also involved in the pathogenesis of important metabolic disorders such as obesity and non-insulin-dependent diabetes (NIDDM)., Peroxisome Proliferator-Activated Receptor,  $\gamma$ -isotype

Molecular Weight: 59.18 kDa

UniProt: [P37231](#)

Pathways: [MAPK Signaling](#), [Nuclear Receptor Transcription Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Negative Regulation of Hormone Secretion](#), [Carbohydrate Homeostasis](#), [Regulation of Lipid Metabolism by PPARalpha](#), [Positive Regulation of Endopeptidase Activity](#), [Brown Fat Cell Differentiation](#), [Positive Regulation of fat Cell Differentiation](#)

## Application Details

---

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

---

Format: Liquid

Buffer: Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).

Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

## Handling

---

Storage Comment: Store at -20 °C