abcam

Product datasheet

# Recombinant Human PPAR gamma protein ab53382

画像数 1

## 製品の詳細

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| **製品名** | Recombinant Human PPAR gamma protein |
| **精製度** | > 95 % SDS-PAGE. |
| **発現系** | Escherichia coli |
| **タンパク質長** | Full length protein |
| **Animal free** | No |
| **由来** | Recombinant |
| **生物種** | Human |
| **配列** | MTMVDTEMPFWPTNFGISSVDLSVMEDHSHSFDIKPFTTVDF SSISTPHY EDIPFTRTDPVVADYKYDLKLQEYQSAIKVEPASPPYYSEKT QLYNKPHE EPSNSLMAIECRVCGDKASGFHYGVHACEGCKGFFRRTIRLK LIYDRCDL NCRIHKKSRNKCQYCRFQKCLAVGMSHNAIRFGRMPQAEKEK LLAEISSD IDQLNPESADLRALAKHLYDSYIKSFPLTKAKARAILTGKTT DKSPFVIY DMNSLMMGEDKIKFKHITPLQEQSKEVAIRIFQGCQFRSVEA VQEITEYA KSIPGFVNLDLNDQVTLLKYGVHEIIYTMLASLMNKDGVLIS EGQGFMTR EFLKSLRKPFGDFMEPKFEFAVKFNALELDDSDLAIFIAVII LSGDRPGL LNVKPIEDIQDNLLQALELQLKLNHPESSQLFAKLLQKMTDL RQIVTEHV QLLQVIKKTETDMSLHPLLQEIYKDLY |
| **予測される分子量** | 59 kDa |

## 特性

Our **Abpromise guarantee** covers the use of **ab53382** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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| **アプリケーション** | SDS-PAGE |

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| **製品の状態** | Liquid |

## 前処理および保存

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| **保存方法および安定性** | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.<br>pH: 8.00<br>Constituents: 0.242% Tris, 50% Glycerol |

## 関連情報

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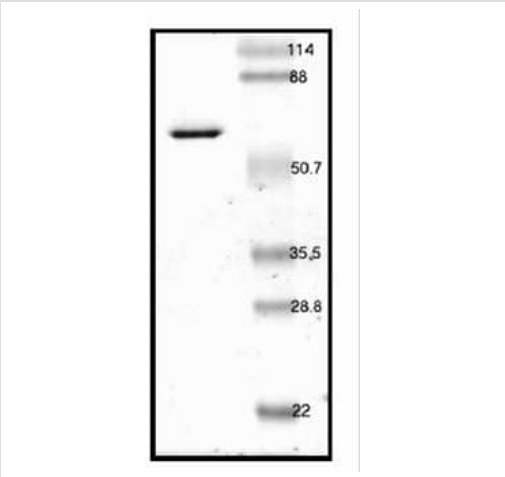
| **機能** | Receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Once activated by a ligand, the receptor binds to a promoter element in the gene for acyl-CoA oxidase and activates its transcription. It therefore controls the peroxisomal beta-oxidation pathway of fatty acids. Key regulator of adipocyte differentiation and glucose homeostasis. |
| **組織特異性** | Highest expression in adipose tissue. Lower in skeletal muscle, spleen, heart and liver. Also detectable in placenta, lung and ovary. |
| **関連疾患** | Note=Defects in PPARG can lead to type 2 insulin-resistant diabetes and hyptertension. PPARG mutations may be associated with colon cancer.<br>Defects in PPARG may be associated with susceptibility to obesity (OBESITY) [MIM:601665]. It is a condition characterized by an increase of body weight beyond the limitation of skeletal and physical requirements, as the result of excessive accumulation of body fat.<br>Defects in PPARG are the cause of familial partial lipodystrophy type 3 (FPLD3) [MIM:604367]. Familial partial lipodystrophies (FPLD) are a heterogeneous group of genetic disorders characterized by marked loss of subcutaneous (sc) fat from the extremities. Affected individuals show an increased preponderance of insulin resistance, diabetes mellitus and dyslipidemia.<br>Genetic variations in PPARG can be associated with susceptibility to glioma type 1 (GLM1) [MIM:137800]. Gliomas are central nervous system neoplasms derived from glial cells and comprise astrocytomas, glioblastoma multiforme, oligodendrogliomas, and ependymomas.<br>Note=Polymorphic PPARG alleles have been found to be significantly over-represented among a cohort of American patients with sporadic glioblastoma multiforme suggesting a possible contribution to disease susceptibility. |
| **配列類似性** | Belongs to the nuclear hormone receptor family. NR1 subfamily.<br>Contains 1 nuclear receptor DNA-binding domain. |
| **細胞内局在** | Nucleus. |

## 画像




SDS-PAGE - Recombinant Human PPAR gamma protein (ab53382)

SDS Page analysis of ab53382

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.co.jp/abpromise** or contact our technical team.

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