

Recombinant Human PPAR alpha protein ab81927

1 References

Description	
Product name	Recombinant Human PPAR alpha protein
Purity	> 95 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>Q07869</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MVDTESPLCPLSPLEAGDLESPLSEEFQEMGNIQEISQSI GEDSSGSFG FTEYQYLGSCPGSDGSVITD TLSPASSPSSVTYPVVPGSV DESPSGALNI ECRICGDKASGYHYGVHACEGCKGFFRRTIRLKLVDKCD RSCKIQKKNR NKCQYCRFHKCLSVGMSHNAIRFGRMPRSEKAKLAEILT CEHDIEDSET ADLKSLAKRIYEAYLKNFNMNKVKARVILSGKASNNPPFVI HDMETLCMA EKTLVAKLVANGIQNKEAEVRIFHCCQCTSVETVTELTEFA KAIPGFANL DLNDQVTLLKYGVYEAIFAMLSSVMNKDGMLVAYGNGFIT REFLKSLR KPFCDIMEPKFDFAMKFNALELDDSDISLFVAAIICCGDRP GLLNVGHIE KMQEGVHVLRLHLQSNHPDDIFLPKLLQKMADLRQLVT EHAQLVQIIK KTESDAALHPLLQEYRDMY
Amino acids	1 to 468
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab81927** in the following tested applications.

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

<b>Applications</b>	Gel Supershift Assays
	SDS-PAGE
	EMSA
<b>Form</b>	Liquid

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## Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.9 Constituents: 0.75% Potassium chloride, 0.0154% DTT, 0.316% Tris HCl, 0.00584% EDTA, 20% Glycerol (glycerin, glycerine)
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## General Info

<b>Function</b>	Ligand-activated transcription factor. Key regulator of lipid metabolism. Activated by the endogenous ligand 1-palmitoyl-2-oleoyl-sn-glycerol-3-phosphocholine (16:0/18:1-GPC). Activated by oleylethanolamide, a naturally occurring lipid that regulates satiety (By similarity). Receptor for peroxisome proliferators such as hypolipidemic drugs and fatty acids. Regulates the peroxisomal beta-oxidation pathway of fatty acids. Functions as transcription activator for the ACOX1 and P450 genes. Transactivation activity requires heterodimerization with RXRA and is antagonized by NR2C2.
<b>Tissue specificity</b>	Skeletal muscle, liver, heart and kidney.
<b>Sequence similarities</b>	Belongs to the nuclear hormone receptor family. NR1 subfamily. Contains 1 nuclear receptor DNA-binding domain.
<b>Cellular localization</b>	Nucleus.

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

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## Our Abpromise to you: Quality guaranteed and expert technical support

- 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.com/abpromise> or contact our technical team.

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