Datasheet for ABIN1474536

PPARA Protein (AA 1-468) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	PPARA
Protein Characteristics:	AA 1-468
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPARA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MVDTESPICP LSPLEADDLE SPLSEEFLQE MGNIQEISQS LGEESSGSFS FADYQYLGSC PGSEGSVITD TLSPASSPSS VSCPAVPTST DESPGNALNI ECRICGDKAS GYHYGVHACE GCKGFFRRTI RLKLAYDKCD RSCKIQKKNR NKCQYCRFHK CLSVGMSHNA IRFGRMPRSE KAKLKAEILT CEHDLKDSET ADLKSLAKRI HEAYLKNFNM NKVKARVILA GKTSNNPPFV IHDMETLCMA EKTLVAKMVA NGVENKEAEV RFFHCCQCMS VETVTELTEF AKAIPGFANL DLNDQVTLLK YGVYEAIFTM LSSLMNKDGM LIAYGNGFIT REFLKNLRKP FCDIMEPKFD FAMKFNALEL DDSDISLFVA AIICCGDRPG LLNIGYIEKL QEGIVHVLKL HLQSNHPDDT FLFPKLLQKM VDLRQLVTEH AQLVQVIKKT ESDAALHPLL QEIYRDMY
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	PPARA
Abstract:	PPARA Products
Background:	Recommended name: Peroxisome proliferator-activated receptor alpha. Short name= PPAR-alpha. Alternative name(s): Nuclear receptor subfamily 1 group C member 1
UniProt:	P37230
Pathways:	Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling Pathway, Regulation of Lipid Metabolism by PPARalpha, Regulation of Carbohydrate Metabolic Process, Hepatitis C

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

