Datasheet for ABIN1614505

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

Overview

Quantity:	1 mg
Target:	PPARA
Protein Characteristics:	AA 1-468
Origin:	Dog
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 IGEDSSGSFS FTEYQYLGSG PGSDGSVITD TLSPAPSPSS VTHPAAPGGA EEPSSVALNI ECRICGDRAS GYHYGVHACE GCKGFFRRTI RLKLAYDKCD RSCKIQKKNR NKCQYCRFHK CLSVGMSHNA IRFGRMPRSE KAKLKAEILT CEQDPEDAET ADLKSLAKRI YEAYLKNFNM NKVKARVILA GKASNNPPFV IHDMETLCMA EKTLVAKLVA NGIQNKEAEV RIFHCCQCTS VETVTELTEF AKSIPGFANL DLNDQVTLLK YGVYEAIFAM LSSVMNKDGM LVAYGNGFIT REFLKSLRKP FCDIMEPKFD FAMKFNALEL DDSDISLFVA AIICCGDRPG LLNVGHIEKM QEGIVHVLKL HLQTNHPDNI FLFPKLLQKM ADLRQLVTEH AQLVQVIKKT ESDAALHPLL QEIYRDMY
Specificity:	Canis familiaris (Dog) (Canis lupus familiaris)
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:	Q95N78
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 modified 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

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Handling

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