Datasheet for ABIN7583936

CPT2 Protein (AA 26-658) (His tag)

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Overview

Quantity:	100 µg
Target:	CPT2
Protein Characteristics:	AA 26-658
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPT2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SAVSG PDDYLQHSIV PTMHYQDSLP RLPIPKLEDT MKRYLNAQKP LLDDSQFRRT EALCKNFETG VGKELHAHLL AQDKQNKHTS YISGPWFDMY LTARDSIVLN FNPFMAFNPD PKSEYNDQLT RATNLTVSAV RFLKTLQAGL LEPEVFHLNP SKSDTDAFKR LIRFVPPSLS WYGAYLVNAY PLDMSQYFRL FNSTRIPRPN RDELFTDTKA RHLLVLRKGH FYVFDVLDQD GNIVNPLEIQ AHLKYILSDS SPVPEFPVAY LTSENRDVWA ELRQKLIFDG NEETLKKVDS AVFCLCLDDF PMKDLIHLSH TMLHGDGTNR WFDKSFNLIV AEDGTAAVHF EHSWGDGVAV LRFFNEVFRD STQTPAITPQ SQPAATNSSA SVETLSFNLS GALKAGITAA KEKFDTTVKT LSIDSIQFQR GGKEFLKKKQ LSPDAVAQLA FQMAFLRQYG QTVATYESCS TAAFKHGRTE TIRPASIFTK RCSEAFVRDP SKHSVGELQH MMAECSKYHG QLTKEAAMGQ GFDRHLYALR YLATARGLNL PELYLDPAYQ QMNHNILSTS TLNSPAVSLG GFAPVVPDGF GIAYAVHDDW IGCNVSSYSG RNAREFLHCV QKCLEDIFDA LEGKAIKT
Specificity:	Rattus norvegicus (Rat)

Product Details

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.
Purity:	> 90 %

Target Details

Target:	CPT2
Alternative Name:	Carnitine O-palmitoyltransferase 2, mitochondrial (Cpt2) (CPT2 Products)
Background:	Recommended name: Carnitine O-palmitoyltransferase 2, mitochondrial. EC= 2.3.1.21. Alternative name(s): Carnitine palmitoyltransferase II. Short name= CPT II
UniProt:	P18886
Pathways:	Regulation of Lipid Metabolism by PPARalpha, Monocarboxylic Acid Catabolic Process

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

Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.