Datasheet for ABIN7583954

CROT Protein (AA 1-612) (His tag)

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Overview

Quantity:	100 µg
Target:	CROT
Protein Characteristics:	AA 1-612
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CROT protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MENQLAKSIE ERTFQYQDSL PPLPVPSLEE SLKKYLESVK PFANEDEYKK TEEIVQKFQD GVGKTLHQKL LERAKGKRNW LEEWWLNVAY LDVRIPSQLN VNFVGPSPHF EHYWPAREGT QLERGSILLW HNLNYWQLLR REKLPVHKSG NTPLDMNQFR MLFSTCKVPG ITRDSIMNYF KTESEGHCPT HIAVLCRGRA FVFDVLHDGC LITPPELLRQ LTYIYQKCWN EPVGPSIAAL TSEERTRWAK AREYLIGLDP ENLTLLEKIQ SSLFVYSIED TSPHATPENF SQVFEMLLGG DPAVRWGDKS YNLISFANGI FGCSCDHAPY DAMLMVNIAH YVDEKLLETE GRWKGSEKVR DIPLPEELAF TVDEKILNDV YQAKAQHLKA ASDLQIAAST FTSFGKKLTK KEALHPDTFI QLALQLAYYR LHGRPGCCYE TAMTRYFYHG RTETVRSCTV EAVRWCQSMQ DPSASLLERQ QKMLDAFAKH NKMMRDCSHG KGFDRHLLGL LLIAKEEGLP VPELFEDPLF SRSGGGGNFV LSTSLVGYLR IQGVVVPMVH NGYGFFYHIR DDRFVVTCSS WRSCLETDAE KLVEMIFHAF HDMIHLMNTA HL
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:	CROT
Alternative Name:	Peroxisomal carnitine O-octanoyltransferase (Crot) (CROT Products)
Background:	Recommended name: Peroxisomal carnitine O-octanoyltransferase. Short name= COT. EC= 2.3.1.137
UniProt:	P11466
Pathways:	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 Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

Handling

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