Datasheet for ABIN7587597

ACSM2 Protein (AA 47-572) (His tag)

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Overview

Quantity:	100 µg
Target:	ACSM2
Protein Characteristics:	AA 47-572
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACSM2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ASDV IDHWASLEKA GKRSPGPALW WMNGSGEELK WNFRELSEIS KQTANVLTGA CGLQRGDRVA VVLPRVPEWW LVTLGCMRSG LVFMPGTTQM KSTDILYRLQ SSKARAIVAG DEVVQEVDAV APDCSFLKIK LLVSEKNREG WLNFKALLKD ASPIHQCVET VSQESAAIYF TSGTSGPPKM AEHSHCSLGL KAKMDAGWTG LGPSDTMWTI SDTGWILNIL GSFLEPWVLG TCIFVHLLPK FDPQTVLKVL SSYPINTLLG APLIYRMLLQ QDLSSYKFPH LHSCFSGGET LLPETLESWK AKTGLEIREI YGQTETGITC RVSRTMKVKP GYLGTAIVPY DVQVIDEQGN VLPPGKEGDM ALRVKPIRPI GMFSGYVDNP KKTQANIRGD FWLLGDRGIK DTEGYFHFMG RTDDIINSSG YRIGPSEVEN ALMEHPAVVE TAVISSPDPI RREVVKAFVV LAPEFLSHDQ DQLTKVLQEH VKSVTAPYKY PRKVEFVLDL PKTITGKIER AKLRAKEWKT SG
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:	ACSM2
Alternative Name:	Acyl-coenzyme A synthetase ACSM2, mitochondrial (Acsm2) (ACSM2 Products)
Background:	Recommended name: Acyl-coenzyme A synthetase ACSM2, mitochondrial. EC= 6.2.1.2. Alternative name(s): Acyl-CoA synthetase medium-chain family member 2 Butyrate--CoA ligase 2 Butyryl-coenzyme A synthetase 2 Kidney-specific protein KS Middle-chain acyl-CoA synthetase 2
UniProt:	O70490

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
Storage:	-20 °C

Handling

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