

Datasheet for ABIN7583333

ACSL4 Protein (AA 1-670) (His tag)



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Overview

Quantity:	100 µg
Target:	ACSL4
Protein Characteristics:	AA 1-670
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACSL4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MAKRIKAKPT SDKPGSPYRS VTHFDSLAVI DIPGADTLTK LFDHAVAKFG KKDSLGTREI</p> <p>LSEENEMQPN GKVFKKLILG NYKWINYLEV NCRVNNFGSG LTALGLKPKN TIAIFCETRA</p> <p>EWMIAAQTCF KYNFPLVTLY ATLGKEAVVH GLNESEASYL ITSVELLESK LKAALLDINC</p> <p>VKHIIYVDNK TINRAEYPEG LEIHSMQSVE ELGSKPENSS IPPSRPTPSD MAIVMYTSGS</p> <p>TGRPKGVM MH HSNLIAGMTG QCERIPGLGP KDTYIGYLPL AHVLELTAEI SCFTYGCRIG</p> <p>YSSPLTSDQ SSIKKKGSKG DCTVLKPTLM AAVPEIMDRI YKNVMSKVQE MNYIQKTLFK</p> <p>IGYDYKLEQI KKGYDAPLCN LILFKVKAL LGGNVRMMLS GGAPLSPQTH RFMNVCFCCP</p> <p>IGQGYGLTES CGAGTVTEVT DYTTRGVGAP LICCEIKLKD WQEGGYTVHD KPNPRGEIVI</p> <p>GGQNISMGYF KNEEKTAEDY SVDENGQRWF CTGDIGEFHP DGCLQIIDRK KDLVKLQAGE</p> <p>YVSLGKVEAA LKNCPLIDNI CAFAKSDQSY VISFVVPNQK KLTLAQKKG VEGSWVDICN</p> <p>NPAMEAEILK EIREAANAMK LERFEIPIKV RLSPEPWTP TGLVTDFAKL KRKELKNHYL</p> <p>KDIERMYGGK</p>
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Product Details

Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	ACSL4
Alternative Name:	Long-chain-fatty-acid--CoA ligase 4 (Acsl4) (ACSL4 Products)
Background:	<p>Recommended name: Long-chain-fatty-acid--CoA ligase 4.</p> <p>EC= 6.2.1.3.</p> <p>Alternative name(s): Long-chain acyl-CoA synthetase 4.</p> <p>Short name= LACS 4</p>
UniProt:	O35547

Application Details

Comment:	<p>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 modiflicated 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.</p>
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.