

Datasheet for ABIN7590898

ACSBG1 Protein (AA 1-721) (His tag)



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Overview

Quantity:	100 µg
Target:	ACSBG1
Protein Characteristics:	AA 1-721
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACSBG1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MPRSSEAGYC CLSRDSNMPD SRDDQQQGAS MGTSPDNSQT SSLIDGRTLK KESPSHGLEL</p> <p>SAPEKARAAS LDASEEALWT TRADGRVRLR LEPFCTQLPY TVHQMFEAL DKYGNLSALG</p> <p>FKRKDKWERI SYYQYYLIAR KVAKGFLKLG LERAHSVAIL GFNSPEWFFS AVGTVFAGGI</p> <p>VTGIYTTSSP EACQYIAHDC RANVIVVDTQ KQLEKILKIW KDLPHLKAVV IYQEPPIPKM</p> <p>ANVYTMEELI ELGQEVPEEA LDAIIDTQQP NQCCVLVYTS GTTGNPKGVM LSQDNITWTA</p> <p>RYGSQAGDIQ PAEVQQEVVV SYLPLSHIAA QIYDLWTGIQ WGAQVCFADP DALKGTLVNT</p> <p>LREVEPTSHM GVPRVWEKIM ERIQEVAQAQ GFIRRKMLLW AMSVTLEQNL TCPSNDLKPF</p> <p>TSRLADYLV LARVRQALGFA KCQKNFYGAA PMTAETQRFF LGLNIRLYAG YGLSESTGPH</p> <p>FMSSPYNYRL YSSGRVPGC RVKLVNQDAD GIGEICLWGR TIFMGYLNME DKTHEAIDSE</p> <p>GWLHTGDMGR LDDDGFLYIT GRLKELIITA GGENVPPVPI EEAVKMELPI ISSAMLIGDQ</p> <p>RKFLSMLLTL KCTLNPETSE PTDNLTEQAV EFCQRVGSKA STVSEIVGQK DEAVYQAIHE</p> <p>GIQRVNANAA ARPYHIQKWA ILERDFSISG GELGPTMKLK RLTVLEKYKD IISFYQEQQ Q</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:	ACSBG1
Alternative Name:	Long-chain-fatty-acid--CoA ligase ACSBG1 (Acsbg1) (ACSBG1 Products)
Background:	<p>Recommended name: Long-chain-fatty-acid--CoA ligase ACSBG1.</p> <p>EC= 6.2.1.3.</p> <p>Alternative name(s): Acyl-CoA synthetase bubblegum family member 1 Gonadotropin-regulated long chain acyl CoA synthetase.</p> <p>Short name= GR-LACS</p>
UniProt:	Q924N5

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 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.</p>
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Restrictions:	For Research Use only
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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.