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Datasheet for ABIN1641287
ACSBG1 Protein (AA 1-721) (His tag)

Overview

Quantity:	1 mg
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: MPRSSEAGYC CLSRDSNMPD SRDDQQQGAS MGTSPDNSQT SSLIDGRTLS KESPSHGLEL
SAPEKARAAS LDASEEALWT TRADGRVRLR LEPFCTQLPY TVHQMFYEAL DKYGNLSALG
FKRKDKWERI SYYQYYLIAR KVAKGFLKLG LERAHSVAIL GFNSPEWFFS AVGTVFAGGI
VTGIYTTSSP EACQYIAHDC RANVIVVDTQ KQLEKILKIW KDLPHLKAVV IYQEPppKKM
ANVYTMEELI ELGQEVPEEA LDAIIDTQQP NQCCVLVYTS GTTGNPKGVM LSQDNITWTA
RYGSQAGDIQ PAEVQQEVVV SYLPLSHIAA QIYDLWTGIQ WGAQVCFADP DALKGTLVNT
LREVEPTSHM GVPRVWEKIM ERIQEVAQAQ GFIRRKMLLW AMSVTLEQNL TCPSNDLKPF
TSRLADYLV LARVRQALGFA KCQKNFYGAA PMTAETQRFF LGLNIRLYAG YGLSESTGPH
FMSSPYNYRL YSSGRVVP GC RVKLVNQDAD GIGEICLWGR TIFMGYLNME DKTHEAIDSE
GWLHTGDMGR LDDDGFLYIT GRLKELIITA GGENVPPVPI EEA VKMELPI ISSAMLIGDQ
RKFLSMLLTL KCTLNPETSE PTDNLTEQAV EFCQRVGSKA STVSEIVGQK DEAVYQAIHE
GIQRVNANAA ARPYHIQKWA ILERDFSISG GELGPTMKLK RLTVLEKYKD IIDSFYQEQQ Q

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:	Recommended name: Long-chain-fatty-acid--CoA ligase ACSBG1. EC= 6.2.1.3. Alternative name(s): Acyl-CoA synthetase bubblegum family member 1 Gonadotropin-regulated long chain acyl CoA synthetase. Short name= GR-LACS
UniProt:	Q924N5

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 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.
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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.