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Datasheet for ABIN1475279

ACSBG2 Protein (AA 1-667) (His tag)

Overview

Quantity:	1 mg
Target:	ACSBG2
Protein Characteristics:	AA 1-667
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACSBG2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MTQEKKAE DP DRGMDTTSAA PRLWSTHCDG EVLLRLSKHG PGHETPMTIP ELFQESVERF</p> <p>GAYPALASKN GKKWDTLTFS QYYDVCRKAA RSLIKLGLQR FHGVGILGFN SVEWVVAALG</p> <p>AILAGGLCVG IYATNSAEAC QYVIKQANVN VLIVENDQQL QKILSIPDPK METVKAIVQY</p> <p>RLPLMENSTN LYSWQDFMEL GNAIPNIQLD RVILSQKANQ CAVIIYTS GT TGSPKGVMLS</p> <p>HDNITWTAGA MAREIELIHV SGKQDTIVSY LPLSHIAAQL MDIWIPIKVG VLTFFAQPD A</p> <p>LRGTLVYTLQ EVKPTYFLGV PRVWEKMQDT IKENVAKSSN LRKKAF AWAK MLGLKVNTKK</p> <p>MLGKRDIPMN YRMAKALVFT KVRTSLGLDN CHTFFSGASP LSQDVSEFFL SLDIPIGEIY</p> <p>GMTECSGPHT VSCKSIYRVL SCGKVLNGCK NMLYKQNKDG VGEVCMWGRH VFMGYLGKED</p> <p>ATLEVLDE DG WLHSGDIGRL DSHDFLYITG RIKEVLITAG GENIWPIPIE TLVKEKIP II</p> <p>SHAMLVGDKA KFLSMLLTLK CETDQMSGEP LDKLNLEAIS FCQMLGSQAV TVSDILKIRD</p> <p>PVVYTAIQYG IDIVNQAVS DSHRIRKWII LEKDFS IQGG ELGPTSKLKR DLITQKYKAQ IDNMYSS</p>
Specificity:	Rattus norvegicus (Rat)

Product Details

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.
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Purity:	> 90 %
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Target Details

Target:	ACSBG2
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Alternative Name:	Long-chain-fatty-acid-CoA ligase ACSBG2 (Acsbg2) (ACSBG2 Products)
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Background:	Recommended name: Long-chain-fatty-acid-CoA ligase ACSBG2. EC= 6.2.1.3. Alternative name(s): Acyl-CoA synthetase bubblegum family member 2
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UniProt:	A1L1K7
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Pathways:	Monocarboxylic Acid Catabolic Process
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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
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to
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Handling

one week

Storage: -20 °C

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