Datasheet for ABIN7583332

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

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## Overview

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|---|---|
| Quantity: | 100 µg |
| 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

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| Sequence: | MTQEKKAEDP DRGMDTTSAA PRLWSTHCDG EVLLRLSKHG PGHETPMTIP ELFQESVERF GAYPALASKN GKKWDTLTFS QYYDVCRKAA RSLIKLGLQR FHGVGILGFN SVEWVVAALG AILAGGLCVG IYATNSAEAC QYVIKQANVN VLIVENDQQL QKILSIPPDK METVKAIVQY RLPLMENSTN LYSWQDFMEL GNAIPNIQLD RVILSQKANQ CAVIIYTSGT TGSPKGVMLS HDNITWTAGA MAREIELIHV SGKQDTIVSY LPLSHIAAQL MDIWIPIKVG VLTFFAQPDA LRGTLVYTLQ EVKPTYFLGV PRVWEKMQDT IKENVAKSSN LRKKAFAWAK MLGLKVNTKK MLGKRDIPMN YRMAKALVFT KVRTSLGLDN CHTFFSGASP LSQDVSEFFL SLDIPIGEIY GMTECSGPHT VSCKSIYRVL SCGKVLNGCK NMLYKQNKDG VGEVCMWGRH VFMGYLGKED ATLEVLDEDG WLHSGDIGRL DSHDFLYITG RIKEVLITAG GENIWPIPIE TLVKEKIPII SHAMLVGDKA KFLSMLLTLK CETDQMSGEP LDKLNLEAIS FCQMLGSQAV TVSDILKIRD PVVYTAIQYG IDIVNQQAVS DSHRIRKWII LEKDFSIQGG ELGPTSKLKR DLITQKYKAQ IDNMYSS |
| Specificity: | Rattus norvegicus (Rat) |

## Product Details

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| 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. |
| Purity: | > 90 % |

## Target Details

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| Target: | ACSBG2 |
| Alternative Name: | Long-chain-fatty-acid--CoA ligase ACSBG2 (Acsbg2) (ACSBG2 Products) |
| Background: | Recommended name: Long-chain-fatty-acid--CoA ligase ACSBG2.<br>EC= 6.2.1.3.<br>Alternative name(s): Acyl-CoA synthetase bubblegum family member 2 |
| UniProt: | A1L1K7 |
| Pathways: | Monocarboxylic Acid Catabolic Process |

## Application Details

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| 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

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| 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 |

## Handling

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