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Datasheet for ABIN1615512 AACS Protein (AA 1-672) (His tag)

Overview

Quantity:	1 mg
Target:	AACS
Protein Characteristics:	AA 1-672
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AACS protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MSKLARLERE EIMECQVMWE PDSKKDTQMD RFRAAVGTAC GLALGNYDDL YHWSVRSYSD</p> <p>FWAEFWKFSG IVCSRMYDEV VDTSGIADV PEWFRGSRNLN YAENLLRHKE NDRVALYVAR</p> <p>EGREEIAKVT FEELRQQVAL FAAAMRKMVG KKGDRVVGYL PNSAHAVEAM LAAASIGAIW</p> <p>SSTSPDFGVN GVLDRFSQIQ PKLIFSVEAV VYNGKEHGHL EKLQRVVKGL PDLQRVVLIP</p> <p>YVLPREKIDI SKIPNSMFLD DFLASGTGAQ APQLEFEQLP FSHPLFIMFS SGTTGAPKCM</p> <p>VHSAGGTLIQ HLKEHVLHGN MTSSDILLYY TTVGMMMWNW MVSALATGAS LVLYDGSPLV</p> <p>PTPNVLWDLV DRIGITILGT GAKWLSVLEE KDMKPMETHN LHTLHTILST GSPLKAQSYE</p> <p>YVYRCIKSTV LLGSISGGTD IISCFMGQNS SIPVYKGEIQ ARNLGMAVEA WDEEGKTVWG</p> <p>ASGELVCTKP IPCQPTHFWN DENGSKYRKA YFSKYPGVWA HGDYCRINPK TGGIVMLGRS</p> <p>DGTLNPNQVR FGSSEIYNIV EAFDEVEDSL CVPQYNRDGE ERVVLFLKMA SGHTFQPDLV</p> <p>KHIRDAIRLG LSARHVPSLI LETQGIPYTI NGKKVEVAVK QVIAGKTVEH RGAFSNPESL</p> <p>DLYRDIPELQ DF</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:	AACS
Abstract:	AACS Products
Background:	Recommended name: Acetoacetyl-CoA synthetase. EC= 6.2.1.16
UniProt:	Q9JMI1
Pathways:	Positive Regulation of Peptide Hormone Secretion , Carbohydrate Homeostasis

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.
Restrictions:	For Research Use only

Handling

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

one week

Storage: -20 °C

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