Datasheet for ABIN1609773

ACS1 Protein (AA 1-488) (His tag)

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Overview

Quantity:	1 mg
Target:	ACS1
Protein Characteristics:	AA 1-488
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACS1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSQGACENQL LSKLALSDKH GEASPYFHGW KAYDNNPFHP THNPQGVIQM GLAENQLCSD LIKEWIKENP QASICTAEGI DSFSDIAVFQ DYHGLKQFRQ AIATFMERAR GGRVRFEAER VVMSGGATGA NETIMFCLAD PGDAFLVPTP YYAAFDRDLR WRTGVRIIPV ECSSSNNFQI TKQALESAYL KAQETGIKIK GLIISNPLGT SLDRETLESL VSFINDKQIH LVCDEIYAAT VFAEPGFISV AEIIQEMYYV NRDLIHIVYS LSKDMGLPGF RVGVVYSYND VVVSCARRMS SFGLVSSQTQ SFLAAMLSDQ SFVDNFLVEV SKRVAKRHHM FTEGLEEMGI SCLRSNAGLF VLMDLRHMLK DQTFDSEMAL WRVIINKVKI NVSPGSSFHC SEPGWFRVCF ANMDEDTLQI ALERIKDFVV GDRANKNKNC NCICNNKREN KKRKSFQKNL KLSLSSMRYE EHVRSPKLMS PHSPLLRA
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	ACS1
Alternative Name:	1-aminocyclopropane-1-carboxylate synthase-like protein 1 (ACS1) (ACS1 Products)
Background:	Recommended name: 1-aminocyclopropane-1-carboxylate synthase-like protein 1
UniProt:	Q06429

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 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

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