antibodies

Datasheet for ABIN1665285 HMGCS1 Protein (AA 1-453) (His tag)



Overview

Quantity:	1 mg
Target:	HMGCS1
Protein Characteristics:	AA 1-453
Origin:	Blattella germanica
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HMGCS1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MWPSDVGIVA LELIFPSQYV DQVDLEVYDN VSAGKYTVGL GQARMGFCTD REDINSLCLT
	VVSRLMERWS IPYSQIGRLE VGTETLLDKS KSVKTVLMQL FKDNTDIEGV DTVNACYGGT
	SALFNAISWV ESSSWDGRYA LVVAGDIAVY AKGSARPTGG AGAVAMLVGA NAPLVFDRGV
	RSSHMQHAYD FYKPDLSSLY PTVDGKLSIQ CYLSALDHCY QLYCSKIQKQ LGEKFDIERL
	DAVLFHAPYC KLVQKSLARL VLNDFVRASE EERTTKYSSL EALKGVKLED TYFDREVEKA
	VMTYSKNMFE EKTKPSLLLA NQVGNMYTPS LYGGLVSLLV SKSAQELAGK RVALFSYGSG
	LASSMFSLRI SSDASAKSSL QRLVSNLSHI KPQLDLRHKV SPEEFAQTME TREHNHHKAP
	YTPEGSIDVL FPGTWYLESV DSLYRRSYKQ VPG
Specificity:	Blattella germanica (German cockroach) (Blatta germanica)
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.

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Product Details

Purity:

> 90 %

Target Details

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Background: Recommended name: Hydroxymethylglutaryl-CoA synthase 1. Short name= HMG-CoA synthase 1. EC= 2.3.3.10. Alternative name(s): 3-hydroxy-3-methylglutaryl coenzyme A synthase 1 UniProt: P54961 Pathways: Regulation of Lipid Metabolism by PPARalpha Application Details The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expression level, the high cos of medium and the culture conditions restrict the promotion of mammalian cell system of very high-quality and close to the natural protein. But the low expression level, the high cos 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 t native protein conformation. It can be used to produce protein material with high added valuu that is very close to the natural protein. Our proteins produced by yeast expression system his been used as raw materials for downstream preparation of monoclonal antibodies. Restrictions: For Research Use only Handling	Target:	HMGCS1		
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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 one week	

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Handling

	Storage:	-20 °C		
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Storage Comment:

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

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