antibodies

Datasheet for ABIN1474117 MAT2A Protein (AA 1-395) (His tag)



Overview

0000000	
Quantity:	1 mg
Target:	MAT2A
Protein Characteristics:	AA 1-395
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAT2A protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	MNGQLNGFHE AFIEEGTFLF TSESVGEGHP DKICDQINDA VLDAHLQQDP DAKVACETVA
	KTGMILLAGE ITSRAAIDYQ KVVREAIKHI GYDDSSKGFD YKTCNVLVAL EQQSPDIAQG
	VHLDRNEEDI GAGDQGLMFG YATDETEECM PLTIVLAHKL NAKLAELRRN GTLPWLRPDS
	KTQVTVQYMQ DRGAVIPIRV HTIVISVQHD EEVCLDEMRD ALKEKLIKAV VPAKYLDEDT

IYHLQPSGRF VIGGPQGDAG LTGRKIIVDT YGGWGAHGGG AFSGKDYTKV DRSAAYAARW

VAKSLVKGGL CRRVLVQVSY AIGVSHPLSI SIFHYGTSQK SERELLEIVK NNFDLRPGVI

	VRDLDLKKPI YQRTAAYGHF GRDSFPWEVP KKLKY
Specificity:	Rattus norvegicus (Rat)
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 %

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Target Details

Target:	MAT2A
Alternative Name:	S-adenosylmethionine synthase isoform type-2 (Mat2a) (MAT2A Products)
Background:	Recommended name: S-adenosylmethionine synthase isoform type-2.
	Short name= AdoMet synthase 2.
	EC= 2.5.1.6.
	Alternative name(s): Methionine adenosyltransferase 2.
	Short name= MAT 2 Methionine adenosyltransferase II.
	Short name= MAT-II
UniProt:	P18298
Pathways:	Ribonucleoside Biosynthetic Process, Methionine Biosynthetic Process

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

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

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