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Datasheet for ABIN1629782 ADI1 Protein (AA 1-178) (His tag)



Quantity: 1 mg Target: ADI1 Protein Characteristics: AA 1-178 Origin: Emericella nidulans Source: Yeast Protein Type: Recombinant Purification tag / Conjugate: This ADI1 protein is labelled with His tag. Application: ELISA Product Details MKAYWYDNKP GDQREPHDSG RPVSEDYLAS LGVIYRHFPE LSDVDALAKE RGYKNRDEIT VSPATMGEAY EDKVKMFFAE HLHEDEEIRY IRDGEGYFDV RGKEDEWVRI RLVKDDLIIL PAGIYHRFTT DNKNYIKAMR LFQEEPKWTP LNRAPELDEN QHRKSYLEGL TATSIAAN Specificity: Ernericella nidulans (strain FGSC A4 / ATCC 38163 / CBS 112.46 / NRRL 194 / M139) (Aspergillus nidulans) 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 %	Overview	
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	Purity:	> 90 %
Target: ADI1	Target Details	
	Target:	ADI1

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Target Details

Alternative Name:	1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase (adi1) (ADI1 Products)
Background:	Recommended name: 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase.
	EC= 1.13.11.54.
	Alternative name(s): Acireductone dioxygenase (Fe(2+)-requiring).
	Short name= ARD.
	Short name= Fe-ARD
UniProt:	Q5AQA3
Pathways:	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
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

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