Datasheet for ABIN1629501

DAK Protein (AA 1-578) (His tag)

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Overview

Quantity:	1 mg
Target:	DAK
Protein Characteristics:	AA 1-578
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DAK protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSSKKMVNSV EGCAGDALAG FVACNPDLQL LQGYRVALRS DLDSLKGRVA LLSGGGSGHE PAHAGFIGKG MLTGVIAGAV FASPAVGSIL AAIRAVAQAG TAGTLLIVKN YTGDRLNFGL AMEQAKAEGI SVEMVVIEDD SAFTVLKKAG RRGLCGTILI HKVAGALAEE GMGLEEITKK VSVIAKAIGT LGVSLSPCSV PGTKPTFELA ADEMELGLGI HGEAGVRRIK LVPVDQIVTL MLDHMTDTSN ISHVPVKSGS SVVLMVNNLG GLSFLELGII ADAAIRLLEG RGVKVARALV GTFMSALEMR GVSLTLMLVD EPLLKLIDAE TNAKAWPHMS KVSVTGRNRI RAAPTEPAEA PEATAAGGVA SKQMTLVLDR ISTTLIGLEE HLNALDRAAG DGDCGSTHSR AAKAIQGWLK EGPTPASPAQ VLSKLSVLLL EKMGGSSGAL YGLFLTAAAQ PLKANTDLPA WSAAMDAGLK AMQKYGKAAP GDRTMLDSLW AAAQELQAWK SPGASLLPVL TKAVKSAEAA AEATKNMEAG AGRASYISSA QLDQPDPGAV AAAAIFRAIL EVLQTKAA
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	DAK
Alternative Name:	Bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase (cyclizing) (Dak) (DAK Products)
Background:	Recommended name: Bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase (cyclizing) Including the following 2 domains: ATP-dependent dihydroxyacetone kinase. Short name= DHA kinase. EC= 2.7.1.29. Alternative name(s): Glycerone kinase FAD-AMP lyase (cyclizing). EC= 4.6.1.15. Alternative name(s): FAD-AMP lyase (cyclic FMN forming) FMN cyclase
UniProt:	Q4KLZ6

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

Handling

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.