Datasheet for ABIN7583401

AKAP4 Protein (AA 188-847) (His tag)

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Overview

Quantity:	100 µg
Target:	AKAP4
Protein Characteristics:	AA 188-847
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AKAP4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	QSP SNPATKSPSN QRSVATPDGE CSMDDLSYYV NRLSSLVIQM ARKEIKDKLE GGNKCLHHSM YTSGEKGKTS PRSAVSKIAS EMAHEAVELT SSEMRGNGEE GRDGRKTFLY SELSNKNKCG EKQQMCPKDS KEFADSISKG LMVYANQVAS DMMVSVMKTL KVHSCGKPIP ACVVLKRVLL KHTKEIVSDL IDSCMKNLHN ITGVLMTDSD FVSAVKRNLF NHGKQNAADI MEAMLKRLVS ALLGEKKETK SQSLAYATLK AGTHDPKCKN QSLEFSAMKA EMKGKDKGKT KGDPCCKSLT SAERVSEHIL KESLTMWNNQ KQGTQGRVPN KVCPSKDEKR EKISPSTDSL AKDLIVSALM LIQYHLTQQA KGKDPCEEEC PGSSMGYMSQ SAQYEKSGGG QSSKSLSMKH FESRGAPGPS TCAKENQLES QKMDMSNMVL SLIQKLLSES PFSCDELSES ENKRCCDSRS KQAAPVAKRP EDQSQDSTEM DFISGMKQMN RQFIDQLVES VMKLCLIMAK YSNNGAALAE LEEQAALASN GPRCGREAVM SQSYLETPGP EVIVNNQCST SNLQKQLQAV LQWIAASQFN VPMLYFMGDD DGQLEKLPEV SAKAAEKGYS VGDLLQEVMK FAKERQLDEA VGNMARKQLL DWLLANL
Specificity:	Rattus norvegicus (Rat)

Product Details

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 %

Target Details

Target:	AKAP4
Alternative Name:	A-kinase anchor protein 4 (Akap4) (AKAP4 Products)
Background:	Recommended name: A-kinase anchor protein 4. Short name= AKAP-4. Alternative name(s): 75 kDa fibrous sheath protein Major sperm fibrous sheath protein Protein kinase A-anchoring protein 4. Short name= PRKA4
UniProt:	O35774

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

Handling

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