Datasheet for ABIN7583402

AKAP5 Protein (AA 1-428) (His tag)

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Overview

Quantity:	100 µg
Target:	AKAP5
Protein Characteristics:	AA 1-428
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AKAP5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEITVSEIQV ESKDETRSAE VRPQDERQEE KASMLCFKRR KKAAKAMKPK ASSKAADAAK KCPPEARASD QPQRPGGAWD SIKRLVTRRK RSESSKQQKP FKAKLQSEIN AEDANPSKKK AKSRLKIPCI KFSKGEKRSN HSKIIEDSDR SVKVQEAENL VTKTQTQSDD QATKSKSPQD VREDVSQKGD DEVCESNVNN SITSPGEKVI SVELELDMGH SAIQRGTLIL EKDTEMLEEK QSIQPQHVSP LEASDTEQEL PVGSEVPPSS AVPDQQILEE ARNGVLESGP DWKEHESREI VVEESKPKDT ELSQELDFQE NEITAEKPKP EESKRMEPIA IIITDTEISE FDVKKSKNVP KPFLISIENE QVGVFANDSG FEGRTSEQYE TLLIETASSL VKNAIQLSIE QLVNEMASDD NTINNRLQ
Specificity:	Bos taurus (Bovine)
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:	AKAP5
Alternative Name:	A-kinase anchor protein 5 (AKAP5) (AKAP5 Products)
Target Type:	Viral Protein
Background:	Recommended name: A-kinase anchor protein 5. Short name= AKAP-5. Alternative name(s): A-kinase anchor protein 75 kDa. Short name= AKAP 75. Short name= P75 cAMP-dependent protein kinase regulatory subunit II high affinity-binding protein
UniProt:	P24275
Pathways:	cAMP Metabolic 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

Handling

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