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Datasheet for ABIN1474253 AKAP5 Protein (AA 1-714) (His tag)

Overview

Quantity:	1 mg
Target:	AKAP5
Protein Characteristics:	AA 1-714
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AKAP5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence: METSVSEIQI ETKDEKRPEA ASPQKERQER KTATLCFKRR KKVNNKKKAKA GSKTAEETEK
HAPEAGGSGQ RQPAGAWASI KRLVTHRKPS ESAEKQKPSE AEMQPEDGAL PKKKTksklk
IPCIRFSRGA KRSRPSKLTE DSGYVRVQGE ADDLEIKAQI QPDEQATQAK STQGLQEDVI
VRDGKEIQES HISNNVISGE HVGIELELE KESSALRMRT PGSEKEAKVI LVKQGVQVQE
ASVLENSAAD SPQPVSTSTAP LSPATTHQLG LEEPSDSIRE SAPSGKDDGR RKTAAEEKKS
GETALGQAE ASSVSQADKS VLSQAEATV GHTEETVIQ AQSQAKEGKL SQAEETVAQ
AKETVLSQAE EVKLSQIEEP AISQAKKATV GQAKEAYVSQ AEEAIVGHTE KATMGQAEAA
TVGHIEKTTV GQAEETVGQ AEEATVGQAE EATVGQAEAA TVGQAEETV GQAGEATVSH
IEKTTVGQAE EAVGQAEAA TVGQAEETV GQAEETVGQ AEEATVDQAE EATVGQAEAA
TVGQAGEAAV GQAEAAIVAQ AEEATVGQAG EATVGQAEKA TVGQAEPIV GQAEETVLRH
ASDLKVNGVD AEKPRSEESK RMEPIAIIIT DTEISEFDVK KSKNVPKQFL ISMENEQVGV
FANDSDFEGR TSEQYETLLI ETASSLVKNA IELSVEQLVN EMVSEDNQIN TLFQ

Product Details

Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian 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:	<p>Recommended name: A-kinase anchor protein 5.</p> <p>Short name= AKAP-5.</p> <p>Alternative name(s): A-kinase anchor protein 150 kDa.</p> <p>Short name= AKAP 150.</p> <p>Short name= P150 cAMP-dependent protein kinase regulatory subunit II high affinity-binding protein</p>
UniProt:	P24587
Pathways:	cAMP Metabolic Process

Application Details

Comment:	<p>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 modified 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.</p>
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.