Datasheet for ABIN7583403

AKAP5 Protein (AA 1-714) (His tag)

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Overview

Quantity:	100 µg
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 KKVNKKKAKA GSKTAEETEK HAPEAGGSGQ RQPAGAWASI KRLVTHRKPS ESAEKQKPSE AEMQPEDGAL PKKKTKSKLK IPCIRFSRGA KRSRPSKLTE DSGYVRVQGE ADDLEIKAQI QPDEQATQAK STQGLQEDVI VRDGKEIQES HISNNVISGE HVIGIELELE KESSALRMRT PGSEKEAKVI LVKQGVQVQE ASVLENSAAD SPQPVTSTAP LSPATTHQLG LEEPSDSIRE SAPSGKDDGR RKTAAEEKKS GETALGQAEE ASSVSQADKS VLSQAEEATV GHTEEATVIQ AQSQAKEGKL SQAEEATVAQ AKETVLSQAE EVKLSQIEEP AISQAKKATV GQAKEAYVSQ AEEAIVGHTE KATMGQAEEA TVGHIEKTTV GQAEEATVGQ AEEATVGQAE EATVGQAEEA TVGQAEEATV GQAGEATVSH IEKTTVGQAE EAIVGQAEEA TVGQAEEATV GQAEEATVGQ AEEATVDQAE EATVGQAEEA TVGQAGEAAV GQAEEAIVAQ AEEATVGQAG EATVGQAEKA TVGQAEEPIV 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, 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 150 kDa. Short name= AKAP 150. Short name= P150 cAMP-dependent protein kinase regulatory subunit II high affinity-binding protein
UniProt:	P24587
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
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.