

Datasheet for ABIN1475602

## AKAP14 Protein (AA 1-502) (His tag)



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### Overview

Quantity:	1 mg
Target:	AKAP14
Protein Characteristics:	AA 1-502
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AKAP14 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MNNKKKPPNQ KAKTVENTST AKAKKPEAPE PKNVTEPKDS KAVEDPKKSV TNQKEKKTVT</p> <p>IIADPKDKKS VTEPKEKKTV TISDPKDKKP VIEKDKRTVT FVTDVKDKRI VTDTKENRIA</p> <p>SIDTKEKGPV VPEVKEKKVQ LIDPKEKVVA PVAPVAPVAH AAQVPHAAQV PHAVQVPHAV</p> <p>PVAHAAPVAH TAQVSHAAPV APSLPVVPPA PVVPLAPVVP PAPVAHTEPV AHAVPFAPPA</p> <p>PVAPPASVAP PVPDAPVALV APVAPQVKQK IRVSEVKRKK EVPPRPVQLK EMKVVLFTHPE</p> <p>IKEKKVWSEI KEKTQVIDGK EKLIVPDVKE KKPAAVEKKD ERMNEIARTV VEGVLAASVQ</p> <p>FVEEARNPIK NIKWLTHGEF TAEKGRKQIE KFVSTWFEQN RWVYYADFIE KKDLIHSFHY</p> <p>IYRVRWSAPT AVRPMARVSA NAYFTIKFNK SKPADMPVDV SYIFENSELL QRP GKIRFRE</p> <p>QWLRDITETK HILLESIPFK VV</p>
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.

## Product Details

Purity: > 90 %

## Target Details

Target: AKAP14

Alternative Name: A-kinase anchor protein 14 (Akap14) ([AKAP14 Products](#))

Background: Recommended name: A-kinase anchor protein 14.  
Short name= AKAP-14.  
Alternative name(s): TAKAP-1.2 Testis-specific A-kinase-anchoring protein TAKAP-80

UniProt: [O35817](#)

## 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 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.

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.