

Datasheet for ABIN7590381

SPATA18 Protein (AA 1-568) (His tag)



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Overview

Quantity:	100 µg
Target:	SPATA18
Protein Characteristics:	AA 1-568
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPATA18 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAENLKKLAQ SESFLSLQDK VCFWANDYQT NSCDQNLNCC IELIEQVAKV QAQLFAILTA TAQEGGHNEG VETIKSRLLP LLQTSFSSLG VGKIIQTEIR PIQDFQLRSK NRQSSLDQEQ QQSDGDSFIE SQPTQVQDDL TSGKNLEGT KNGSAISLLA AEEEINQLKK QLSLQAQED ARHKTSENRR AEISRTDRRP SGKRNSERPQ DVVSNEYEHL KNLKDEIAVL SAEKSGLQAS HRQTRSRSPS PGPRGPRGPR GRRRSRSHSR SHSRSHSRSH SHSNHSNSR SNSPCTTVAK IRSPSPNRSK MSSVARKAAL LSRFSDAYSQ ARLDAQCLLR RCIDRAETVQ RIIYIATVEA FHIAKMAFRH FKIRVRKMLT PSHVGSNDFE TAVSDYIVCH LDLYDSQSSV NDVIRAMNVN PKISFPPEVD FCLLTDFIQE ICCIAFAMQS LEPLDIAFG ADGEVFNEAK YRRSYDSDFT APLVFYHVWP ALMENDCVIM KGEAVTKRGA FWTTVRPVMR CRSRSLSPIC PRSRFGISTV HSCVTIPADD LVSRSRSPSP IRCTFARY
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: SPATA18

Alternative Name: Mitochondria-eating protein (Spata18) ([SPATA18 Products](#))

Background: Recommended name: Mitochondria-eating protein.
Alternative name(s): Spermatid-expressing gene 1 protein.
Short name= Spetex-1 Spermatogenesis-associated protein 18

UniProt: [Q6AYL6](#)

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 modiflicated 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

Handling

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