

Datasheet for ABIN7591168

SPATA7 Protein (AA 1-526) (His tag)



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Overview

Quantity:	100 µg
Target:	SPATA7
Protein Characteristics:	AA 1-526
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPATA7 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAVHYNKILS AKAAVDCSIP VSVNASIKYA DQQRREKLRK ELARCEKEFK LSKSAMQTNS KMNSKFFVNS LQRPSGEPQD QDVLIEERLT RYPSFSKSLI PSPEGLHLSL PESNKILMNG TQKYPSTAPP RYSGCGHGYD RRPRAHQFQ VVISKTPSGD LLEKHADLFS NNQSPFTPRT LKTEAKSFLS QYRYYPAPKR RRDFSQDRME AETQTELSSF NSELGTAEKK SSKSDSDVSIK QAPNYMRNGA EDKIAPLSLQ GQNLAWDKSK DGILQPSSER APCTQFSPDS KIYSDEEELL YLSFMENVTD EILKLGLFSN RFLERLFRER IRKNKHHLEE GKMYRLLHGL KVDLGCISEE EQNSFRIFNE FHFQKALTSR ENRFINDTEA VNHHERQQYQ EALNMLSSVP KDENKMFSSFP GEFLLPAHKV KHSEGVIVQQ VNDETDFEAL PWDGNNPSVS DSFIDQETSV DVIEGDSDFE MVETSRELCC LSTSLSPSVP LPSIEGGSNH DKELSTLKIM EMSIED
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: SPATA7

Alternative Name: Spermatogenesis-associated protein 7 homolog (Spata7) ([SPATA7 Products](#))

Background: Recommended name: Spermatogenesis-associated protein 7 homolog.
Alternative name(s): Fertility-related protein WMP1 Rat sperm DNA no.3.
Short name= RSD-3

UniProt: [Q9R0A3](#)

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.