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Datasheet for ABIN1674469

**SPATA20 Protein (AA 1-789) (His tag)**

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | SPATA20  |
| Protein Characteristics:      | AA 1-789                                       |
| Origin:                       | Rat  |
| Source:                       | Yeast  |
| Protein Type:                 | Recombinant                                    |
| Purification tag / Conjugate: | This SPATA20 protein is labelled with His tag. |
| Application:                  | ELISA  |

## Product Details

|           |   |
|-----------|---|
| Sequence: | MSHHSPPPPK HKGEHKGHGL PRGSEGRSSS RGKDRSASVS NSVPMPAGGK ASRTNCPPPA<br>PQKTANRLIN EKSPYLLQHA HNPVDWYWPWG QEAFDKAKKE NKPIFLSVGY STCHWCHMME<br>EESFQNEEIG HLLNENFVSV MVDREERPDV DKVYMTFVQA TSSGGGWPMN VWLTPSLQPF<br>VGGTYFPPED GLTRVGFRTV LMRICDQWKQ NKNTLLENSQ RVTTALLARS EISVGDRQLP<br>PSAATMNSRC FQQLDEGYDE EYGGFAEAPK FPTPVILNFL FSYWLSHRVT QDGSRAQQMA<br>LHTLKMMANG GIRDHVGQGF HRYSTDRQWH IPHF EKMLYD QAQLSVVYQC AFQISGDEFF<br>SDVAKGILQY VTRNLSHRSG GFYSAEDADS PPERGVKPKQ GALYLWTVKE VQQLPEPVG<br>GASEPLTSGQ LLMKHYGLSE AGNINPTQDV NGEMHGQNVL TVRDSLELTG ARYGLEVEAV<br>RALLNTGLEK LQARKHRPK AHLDNKMLAA WNGLMVSGFA VAGSVLGMEK LVTQATNGAK<br>FLKRHMFDVS SGRLKRTCYA GAGGTVEQSN PPCWGFLEDY AFVVRGLLDL YEASQESSWL<br>EWALRLQDIQ DKLFWD SHGG GYFCSEAELG TDLPLRLKDD QDGAEPSANS VSAHNLLRLH<br>GLTGHKDWMD KCVCLLTAFS ERMRRVPVAL PEMVRALSAQ QQTLKQIVIC GDPQAKDTKA |
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## Product Details

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LLQCVHSIYI PNKVLILADG DPSSFLSRQL PFLSNLRRVE DRATVYIFEN QACSMPTDP  
CELRKLLHQ

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

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Target: SPATA20

Alternative Name: Spermatogenesis-associated protein 20 (Spata20) ([SPATA20 Products](#))

Background: Recommended name: Spermatogenesis-associated protein 20.  
Alternative name(s): Sperm-specific protein 411.  
Short name= Ssp411

UniProt: [Q6T393](#)

## Application Details

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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

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Format: Lyophilized

Concentration: 0.2-2 mg/mL

## Handling

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|                  |   |
|------------------|---|
| 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.                                |