

Datasheet for ABIN7558661

## SPATA21 Protein (AA 1-681) (His tag)



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### Overview

Quantity:	1 mg
Target:	SPATA21
Protein Characteristics:	AA 1-681
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPATA21 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant Spata21 Protein expressed in mammalian cells.
Sequence:	<p>MENRNTHTHP ESKADAPAVQ SSSGLSSTKK KTDSEPTVSA GQTGLADATE RDNRKQPVAP</p> <p>RGPERELRPT GSSQDGSSEL PTQEPSARPR TTQDGPRELQ AGPEQVQPSG DFVASEGRPQ</p> <p>PAMQTKDQQK RWQSAEVKEI LLAESCQGNT DHDLGKPRPS NSRSQPLKNN SPSEAGRPQV</p> <p>RLQEPMPAPG SGTHKDNPE AVPPKPKVTA EEKAPPVLP SVPGPRTHKD RGEAAEIRAT</p> <p>LRLQPPPPPL PEERDTEKKE LGQGQKQRQQ ALSAAGTQGP ANSRRGFMKC LLEVEEQEEA</p> <p>THRRTLKSRG LTARRSPKTV TSVSTSGPIS SSVPTLPLTL HEPSTSAPAS VPSWVRPPAP</p> <p>GQTIPIMGSP GSVLPTSAQD QNWRWPEFLP QGNERTLYA KILRQEPEEH SLFRMYQSWE</p> <p>ERTEEHLTK QEEAFRSYFD IFNGPGEVDA RSLKNILLI GFTFTPAQVE EALMSADVNG</p> <p>DGHVDFKDFL AVMTDTKRFF CSVEQNVLM DMSRNPYTLF FEILSLLVEM LALPELAL EE</p> <p>ITNYYQKKLK EGSSKAREME SAMGGLRQRK KIPYNPQQVE NLEVPERRVL RILSRLKQQN</p> <p>YAANLQSPYA QVPCIPLCPR LDKKAVRRKL ASHNHSVLDQ CVSTSLGPDF HGLFFQPGQQ</p> <p>GSREHSSDSR KWLSSMPART H <b>Sequence without tag. The proposed Purification-Tag is</b></p>

## Product Details

**based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	SPATA21
Alternative Name:	Spata21 ( <a href="#">SPATA21 Products</a> )
Background:	Spermatogenesis-associated protein 21,FUNCTION: Involved in the differentiation of haploid spermatids. {ECO:0000250}.
Molecular Weight:	75.5 kDa
UniProt:	<a href="#">Q8BHW6</a>

## Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

	functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months