

Datasheet for ABIN7555385  
**SPATA31A3 Protein (AA 1-1347) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SPATA31A3
Protein Characteristics:	AA 1-1347
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPATA31A3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant SPATA31A3 Protein expressed in mammalian cells.
Sequence:	<p>MENLPFPLKL LSASSLNAPS STPWVLDIFL TLVFALGFFF LLLPYLSYFR CDDPPSPSPG KRKCPVGRRR RPRGRMKNHS LRAGRECRRG LEETSDLLSQ LQSLGPHLD KGDFGQLSGP DPPGEVGERA PDGASQSSHE PMEDAAPILS LLASPDQAK HPQDLASTPS PGPMTTSVSS LSASQPPEPS LPLEHPSPEP PALFPHPPHT PDPLACSLPP PKGFTAPPLR DSTLITPSHC DSVALPLGTV PQSLSPHEDL VASVPAISGL GGSNSHVSAS SRWQETARTS CAFNSSVQQD HLSRHPPETC QMEAGSLFLL SSDGQNVVGI QVTETAKVNI WEEKENVGSF TNRMTPKEHL NSLRNLAKSL DAEQDTTNP K PFWNMGENSK QLPGPQKLS D PRLWQESFWK NYSQLFWGLP SLHSESLVAN AAWTDRSYTL QSPFFLFNEM SNVCPHQRET TMSPLLFQAQ PLSHLGPECQ PFISSTPQFR PTPMAQAEAQ AHLQSSFPVL SPAFPSLIQN TGVACPASQN KVQALSLPET QHPEWPLLR QLEGRALPS RVQKSQDVFS VSTPNLPQES LTSILPENFP VSPELRRQLE QHKKWIIQH WGNLGRIQES LDLMQLQDES PGTSQAKGKP SPWQSSMSTG ESSKEAQKVK FQLERDPCPH LGQILGETPQ NLSRDMKSFP RKVLGVTSEE LERNLRKPLR SDGSDLLRC</p>

TERTHIENIL KAHMGRNLGQ TNEGLIPVRV RRSWLAVNQA LPVSNTHVKT SNLAAPKSGK  
ACVNTAQVLS FLEPCTQQGL GAHIVRFWAK HRWGLPLRVL KPIQCFKLEK VSSLSLTQLA  
GPSSATCESG AGSEVEVDMF LRKPPMASLR KQVLTKASDH MPESLLASSP AWKQFQRAPR  
GIPSWNDHEP LKPPPAGQEG RWPSKPLTYS LTGSTQQSRS LGAQSSKAGE TREAVPQCRV  
PLETCMLANL QATSEVDHGF EAPGTSKSSL HPRVSVSQDP RKLCLMEEVV SEFEPGMATK  
SETQPQVCAA VVLLPDGQAS VVPHASENLV SQVPQGHLS MPTGNMRASQ ELHDLMAARR  
SKLVHEEPRK PNCQGSCKSQ RPMFPPIHKS EKFRKPNLEK HEERLEGLRT PQLTPVRKTE  
DTHQDEGVQL LPSKKQPPSV SPFGENIKQI FQWIFSKKKS KPAPVTAESQ KTVKNRSCVY  
SSSAEAQGLM TAVGQMLDEK MSLCHARHAS KVNQHKQKFQ APVCGFPCNH RHLFYSEHGR  
ILSYAASSQQ ATLSQGCPN RDRQIRNQQP LKSVRCNNEQ WGLRHPQILH PKKAVSPVSP  
PQHWPKTSGA SSHHHHCPRH CLLWEGI **Sequence without tag. The proposed Purification-  
Tag is 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.**

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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.

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Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

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Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

## Target Details

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Target:	SPATA31A3
Alternative Name:	SPATA31A3 ( <a href="#">SPATA31A3 Products</a> )
Background:	Spermatogenesis-associated protein 31A3 (Protein FAM75A3),FUNCTION: May play a role in spermatogenesis. {ECO:0000250}.
Molecular Weight:	148.7 kDa
UniProt:	<a href="#">Q5VYP0</a>

## Application Details

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Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

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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