

Datasheet for ABIN7555302
SPATA31A1 Protein (AA 1-1347) (His tag)



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Overview

Quantity:	1 mg
Target:	SPATA31A1
Protein Characteristics:	AA 1-1347
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPATA31A1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SPATA31A1 Protein expressed in mammalian cells.
Sequence:	MENLPFPLKL LSASSLNAPS STPWVLDIFL TLVFALGFFF LLLPYLSYFR CDDPPSPSPG KRKCPVGRRR RPRGRMKNHS LRAGRECPRG LQETSDLLSQ LQSLLGPHLD KGDFGQLSGP DPPGEVGERA PDGASQSSHE PMEDAAPILS PLASPDQAK HPQDLASTPS PGPMTTSVSS LSASQPPEPS LPLEHPSPEP PALFPHPPHT PDPLACSPPP PKGFTAPPLR DSTLITPSHC DSVALPLGTV PQSLSPHEDL VASVPAISGL GGSNSHVSAS SRWQETARTS CAFNSSVQQD HLSRHPPETY QMEAGSLFLL SSDGQNAVGI QVTETAKVNI WEEKENVGSF TDRMTPEKHL NSLRNLAKSL DAEQDTTNPK PFWNMGENSK QLPGPQKLSL PRLWQESFWK NYSQLFWGLP SLHSESLVAN AAWTDRSYTL QSPPFNFEM SNVCPIQRET TMSPLLFAQQ PPSHLGPECQ PFISSTPQFR PTPMAQAEAQ AHLQSSFPVL SPAFPSLIKN TGVACPASQN KVQALSLPET QHPEWPLLRR QLEGRALAPS RVQKSQDVFS VSTPNLPQES LTSILPENFP VSPELRRQLE QHIKKWIIQH WGNLGRIQES LDLMQLRDES PGTSQAKGKP SPWQSSMSTG ESSKEAQKVK FQLERDPCPH LGQILGETPQ NLSRDMKSFP RKVLGVTSEE SERNLRKPLR SDSGSDLLRC

TERTHIENIL KAHMGRNLGQ TNEGLIPVRV RRSWLAVNQA LPVSNTHVKT SNLAAPKSGK
ACVNTAQVLS FLEPCTQQGL GAHIVRFWAK HRWGLPLRVL KPIQCFKLEK VSSLSLTQLA
GPSSATCESG AGSEVEVDMF LRKPPMASLR KQVLTKASDH MPESLLASSP AWKQFQRAPR
GIPSWNDHGP LKPPPAGQEG RWPSKPLTYS LTGSTQQSRS LGAQSSKAGE TREAVPQCRV
PLETCMLANL QATSEDMHGF EAPGTSKSSL HPRVSVSQDP RKLCLMEEVV NEFEPGMATK
SETQPQVCAA VVLLPDGQAS VVPHASENLV SQVPQGHLQS MPAGNMRASQ ELHDLMAARR
SKLVHEEPRN PNCQGSKNQ RPMFPPIHKS EKSARKPNLEK HEERLEGLRT PQLTPVRKTE
DTHQDEGVQL LPSKKQPPSV SHFGGNIKQF FQWIFSKKKS KPAPVTAESQ KTVKNRSCVY
SSSAEAQGLM TAVGQMLDEK MSLCHARHAS KVNQHKQKFQ APVCGFPCNH RHLFYSEHGR
ILSYAASSQQ ATLSQSGCPN RDRQIRNQQP LKSVRCNNEQ WGLRHPQILH PKKAVSPVSP
LQHWPKTSGA 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.

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

Target Details

Target:	SPATA31A1
Alternative Name:	SPATA31A1 (SPATA31A1 Products)
Background:	Spermatogenesis-associated protein 31A1 (Protein FAM75A1),FUNCTION: May play a role in spermatogenesis. {ECO:0000250}.
Molecular Weight:	148.6 kDa
UniProt:	Q5TZJ5

Application Details

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

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