

Datasheet for ABIN7555428
SPATA31E1 Protein (AA 1-1445) (His tag)



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Overview

Quantity:	1 mg
Target:	SPATA31E1
Protein Characteristics:	AA 1-1445
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPATA31E1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SPATA31E1 Protein expressed in mammalian cells.
Sequence:	MGNLVIPLGK GRAGRVESGQ RIPPPAPRPS VECTGDDIAL QMEKMLFPLK SPSATWLSPS STPWMMDFIL TSVCGLVLLF LLLLYVHSDP PSPPPGRKRS SREPQRERSG RSRSRKISAL KACRILLREL EETRDNLNLL ESHLRKLAG E GSSHLPLGGD PLGDVCKPVP AKAHQPHGKC MQDPSPASLS PPAPPAPLAS TLSPGPM TFS EPFGPHSTLS ASGPPEPLLP LKCPATQPHV VFPPSPQPHG PLASSPPPPD SSLAGLQCGS TTCVVPQSSP LHNQVLPPT RVISGLGCSS DPIWDLYCWR EAATTWGLST YSHGKSQPRH LPDHTSEASF WGDPTPKHME VGGCTFIHPD VQKLETLIA KRALMKMWQE KERKRADHPH M TSLGKEWDI TTLNPFWNVS TQPQQLPRPQ QVSDATTVGN HLQQKRSQLF WDLPSLNSES LATTVWVSRN PSSQNAHSVP LDKASTSLPG EPEVEASSQL SQAPPQPHHM AQPQHFTPAW PQSQPPPLAE IQTQAHLSPP VPSLGCSSPP QIRGCGASYP TSQERTQSVI PTGKEYLEWP LKKRPKWKR V LPSLLKKSQA VLSQPTAHL P QERPASWSPK SAPILPGVVT SPELPEHWWQ GRNAIHQEQS CGPPSRLQAS GDLLQPDGEF PGRPQSQ AED TQQALLPSQP SDFAGKGRKD VQKTGFRSSG RFSDKGCLGS KLGPDPSRDQ

GSGRTSVKAL DEDKEAEGDL RRSWKYQSVS STPRDPDKEH LENKLIHLA RKVGEIKEGW
IPMPVRRSWL MAKCAVPKSD THRKPGKLAS WRGGKAHVNT SQELSFLHPC TQQILEVHLV
RFCVRHSWGT DLQSLEPINV WSGEAQAPPF PQSTFTPWAS WVS RVESVPK VPIFLGKRPQ
NGPGDNRTTS KSVPTVSGPL AAPPPEQEGV QRPPRGSQSA DTHGRSEAFP TGHKGRGCSQ
PPTCSLVGRT WQSRTVLESG KPKPRLEGSM GSEMAGNEAW LESESMSPGD PCSSRALQVL
SIGSQWARAE DALQALKVGE KPPTWEVTLG ASVRASSGSV QEDLRSTGAL GTTGNPSASS
VCVAQDPEQL HLKAQVSEI ALIVQVDSEE QLPGRAPGIL LQDGATGLCL PGRHMDMLTA
ADRLPTQAPL STSQSVSGKN MTASQGPCAL LWKGGDSPGQ QEPGSPKAKA PQKSQKTLGC
ADKGEAHRRP RTGEQGHRSK GPRTSEASGR SHPAQAREIG DKQERKYNQL QLEKGQTPPE
SHFQRKISHH PQGLHPRKGG TRWEDVLQKG KPGADAFQSW GSGPPRQFMD CMADKAWTIS
RVVGQILVDK LGLQWGRGPS EVNRHKGDFR AQENVPCCH RGHCQERSR EMRALACSPK
ATPKGHHCPV KNRGIRDRDS SWAPPPREPV SPAGPHHHRP RMASTSGGPH PQLQELMSAQ
RCLAS **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:	SPATA31E1
Alternative Name:	SPATA31E1 (SPATA31E1 Products)
Background:	Spermatogenesis-associated protein 31E1 (Protein FAM75E1),FUNCTION: May play a role in spermatogenesis. {ECO:0000250}.
Molecular Weight:	157.1 kDa
UniProt:	Q6ZUB1

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