

Datasheet for ABIN7546433

SPATA16 Protein (AA 1-569) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SPATA16
Protein Characteristics:	AA 1-569
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPATA16 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SPATA16 Protein expressed in mammalian cells.
Sequence:	MDAGSSRSLE NAVNRIYHDQ LVPKINTSKK MSTLAHPPNI LEMSQEIKKN CGGKQVEITL ERTKMTKGIK EKQSNDEKA AFKRKAEGEE KPTRKKQAKI TELDNQLITM PLPHIPLKNI MDVEMKLVYI DEMGVRYEFV ESFMSTGSQP TCQAAEIVDP LSVHNFSFLP QIDKWLQVAL KDASSCYRQK KYALAAGQFR TALELCSKGA VLGEFPDAPA EDIASVASFI ETKLVTCYLR MRKPDALNH AHRSIVLNP YFRNHRLQAT VFRCLERYSE AARSAMIADY MFWLGGGREE SISKLIKLYW QAMIEEAITR AESFSVMYTP FATKIRADKI EKVKAFTKT HPAYAEYMYT DLQALHMLPQ TVDWSSFPPQ QYLLTLGFKN KDDGKFLEKI SSRKLPIFTE HKTPFGLTRE DTVRQMETMG KRILPILDFI RSTQLNGSFP ASSGVMEKLQ YASLLSQLQR VKEQSQVINQ AMAELATIPY LQDISQQEAE LLQSLMADAM DTLEGRRNNN ERVWNMIQKV GQIEDFLYQL EDSFLKTKKL RTARRQKTKM KRLQTVQQR 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:	SPATA16
Alternative Name:	SPATA16 (SPATA16 Products)
Background:	Spermatogenesis-associated protein 16 (Testis development protein NYD-SP12),FUNCTION: Essential for spermiogenesis and male fertility (By similarity). Involved in the formation of sperm acrosome during spermatogenesis. {ECO:0000250 UniProtKB:Q8C636, ECO:0000269 PubMed:12529416}.
Molecular Weight:	65.3 kDa
UniProt:	Q9BXB7

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