

Datasheet for ABIN7559165

SPATA16 Protein (AA 1-571) (His tag)



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Overview

Quantity:	1 mg
Target:	SPATA16
Protein Characteristics:	AA 1-571
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPATA16 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Spata16 Protein expressed in mammalien cells.
Sequence:	<p>MDSGKSRSL TTVKRVYRDL LLPKINTSKK MSTLTNSPSS LEGTPGIKKN SGEMQAEASA</p> <p>ERVKLTKSIK EKQNNLEKV ALKRKADSEE KLVGKKEAKI MELDNQLVTT VPLPHIPLKN</p> <p>IMDVEMKLVY VDEEDVSYEF AQPNMCLGLQ ATGQTATTMP PASPRDLTTL PQIDKWLQVA</p> <p>LKDASSCYRQ KKYAVAAGQF RTALELCSKG AALGKPFEAH AEDIASIASF IETKLVTCYL</p> <p>RMRKPDALN HAHRSIVLNP AYFRNHLRQA AVFRCLERYE EAARSAMIAD YMFWLCCGSE</p> <p>HSVSKLIKLY WQAMIEEAIT RAEAFSVMYT PFATRIKPEN IEKVKEVFMR THPTYVDCIY</p> <p>TDTQGLHVLP QTADWSCFPF QQYLLTLGFK NKEDGKFLEK VSSRKLPTYT EHKTPFSPLT</p> <p>REDTVRHMET VGKRILPILD FIRSTQLNGN FHACSGVMEK LHYASLLSRL QRVKEQAQVI</p> <p>NQAMAELATV PYLQDISQQE AELLQSLMAD AMDTLEGKKS DKERVWNTIQ KVGRIEDFLY</p> <p>QLEDSFLKTK KLRTARRQKT KMKRLQTVQQ N Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p>

Product Details

of the protein could make another tag necessary. In case you have a special request, please contact us.

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, Western Blot

Grade:

custom-made

Target Details

Target:

SPATA16

Alternative Name:

Spata16 ([SPATA16 Products](#))

Background:

Spermatogenesis-associated protein 16, FUNCTION: Essential for spermiogenesis and male fertility (PubMed:29065458). Involved in the formation of acrosome during spermatogenesis (PubMed:16372119). {ECO:0000269|PubMed:16372119, ECO:0000269|PubMed:29065458}.

Molecular Weight:

65.0 kDa

UniProt:

[Q8C636](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Application Details

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