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Datasheet for ABIN7546152
SPAG6 Protein (AA 1-509) (His tag)

Overview

Quantity:	1 mg
Target:	SPAG6
Protein Characteristics:	AA 1-509
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPAG6 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SPAG6 Protein expressed in mammalian cells.
Sequence:	<p>MSQRQVLQVF EQYQKARTQF VQMVAELATR PQNIETLQNA GVMSLLRLL LDVVPTIQQT AALALGRLAN YNDLAEAVV KCDILPQLVY SLAEQNRFYK KAAAFVLRV GKHSPLAQA IVDCGALDTL VICLEDFDPG VKEAAAWALR YIARHNAELS QAVVDAGAVP LLVLCIQEPE IALKRIAASA LSDIAKHSPE LAQTVVDAGA VAHLAQMILN PDAKLKHQIL SALSQVSKHS VDLAEMVVEA EIFPVVLTCL KDKDEYVKKV ASTLIREIAK HTPELSQLVV NAGGVAVID CIGSCKGNTR LPGIMMLGYV AAHSENLAMA VIISKGVPQL SVCLSEEPED HIKAAAVAL GQIGRHTPEH ARAVAVTNTL PVLLSLYMST ESSEDLQVKS KKAIKNILQK CTYLPALPEF LYDAPPNILK HVVGQFSKVL PHDSKARRLF VTSGGLKKVQ EIKAEPGSL QEYINSINSC YPPEIVRYYS PGYSDTLLQR VDSYQPLNN</p> <p>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.</p>

Product Details

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: SPAG6

Alternative Name: SPAG6 ([SPAG6 Products](#))

Background: Sperm-associated antigen 6 (Protein PF16 homolog) (Repro-SA-1) (Sperm flagellar protein),FUNCTION: Important for structural integrity of the central apparatus in the sperm tail and for flagellar motility. {ECO:0000250, ECO:0000269|PubMed:10493827}.

Molecular Weight: 55.5 kDa

UniProt: [O75602](#)

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