

Datasheet for ABIN7546338

SPATA7 Protein (AA 1-599) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SPATA7
Protein Characteristics:	AA 1-599
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPATA7 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SPATA7 Protein expressed in mammalian cells.
Sequence:	<p>MDGSRRVRAT SVLPYRGPPC LFKGHLSTKS NAFCTDSSSL RLSTLQLVKN HMAVHYNKIL SAKAAVDCSV PVSVSTSIKY ADQQRREKLK KELAQCEKEF KLTKTAMRAN YKNNSKSLFN TLQKPSGEPQ IEDDMLKEEM NGFSSFARSL VPSSERLHLS LHKSSKVITN GPEKNSSSSP SSVDYAASGP RKLSSGALYG RRPRSTFPNS HRFQLVSKA PSGDLLDKHS ELFSNKQLPF TPRTLKTEAK SFLSQYRYYT PAKRKKDFTD QRIEAETQTE LSFKSELGTA ETKNMTDSEM NIKQASNCVT YDAKEKIAPL PLEGHDSTWD EIKDDALQHS SPRAMCQYSL KPPSTRKIYS DEEELLYLSF IEDVTDEILK LGLFSNRFLE RLFERHIKQN KHEEEKMRH LLHVLKVDLG CTSEENSVKQ NDVDMLNVFD FEKAGNSEPN ELKNESEVTI QQERQQYQKA LDMLLSAPKD ENEIFPSPTE FFMPIYKSKH SEGVIIQQVN DETNLETSTL DENHPSISDS LTDRETSVNV IEGDSDPEKV EISNGLCGLN TSPSQSVQFS SVKGDNNHDM ELSTLKIMEM SIEDCPLDV</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.</p>

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: SPATA7

Alternative Name: SPATA7 ([SPATA7 Products](#))

Background: Spermatogenesis-associated protein 7 (HSD-3.1) (Spermatogenesis-associated protein HSD3),FUNCTION: Involved in the maintenance of both rod and cone photoreceptor cells (By similarity). It is required for recruitment and proper localization of RPGRIP1 to the photoreceptor connecting cilium (CC), as well as photoreceptor-specific localization of proximal CC proteins at the distal CC (By similarity). Maintenance of protein localization at the photoreceptor-specific distal CC is essential for normal microtubule stability and to prevent photoreceptor degeneration (By similarity). {ECO:0000250|UniProtKB:Q80VP2}.

Molecular Weight: 67.7 kDa

UniProt: [Q9P0W8](#)

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