

Datasheet for ABIN7558445
SPATA20 Protein (AA 1-790) (His tag)



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Overview

Quantity:	1 mg
Target:	SPATA20
Protein Characteristics:	AA 1-790
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPATA20 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Spata20 Protein expressed in mammalian cells.
Sequence:	<p>MSHHSSPPPK HKGEHKGHGL PRGSEGRSSS RDKDRSATTV SSSAPMPAGG KSSRTNCP APPKTVNRLI NEKSPYLLQH AYNPVDWYPW GQEAFDKAKK ENKPIFLSVG YSTCHWCHMM EEESFQNEEI GRLLNENFIC VMVDREERPD VDKVYMTFVQ ATSSGGGWPM NVWLTPLGLQP FVGGTYFPPE DGLTRVGFRT VLMRICDQWK LNKNTLLENS QRVTTALLAR SEISVGDRQI PASAATMNSR CFQQLDEGYD EYGGFAEAP KFPTPVILNF LFSYWLSHRL TQDGSRAQQM ALHTLKMMAN GGIQDHVQGG FHRVYSTRQW HIPHFEMKLY DQAQLSVVYT QAFQISGDEF YADVAKGILQ YVTRTLSHRS GGFYSAEDAD SPPERGMKPQ EGAYYVWTVK EVQQLPEPV VGASEPLTSG QLLMKHYGLS EVGNINSSQD PNGELHGQNV LVMRYSLELT AARYGLEVEA VRALLNTGLE KLFQARKHRP KAHLDNKMLA AWNGLMVSGF AVTGAALGME KLVAQATSGA KFLKRHMFDV SSGRLKRTCY AGTGGTVEQS NPPCWGFLED YAFVVRGLLD LYEASQESSW LEWALRLQDT QDKLFWDPGR GGYFCSEAE GADLPLRLKD DQDGAEPSAN SVSAHNLRL HSFTGHKDWM DKCVCLLTAF SERMRRVPVA LPEMVRTLSA QQQTLKQIVI CGDPQAKDTK</p>

Product Details

ALLQCVHSIY VPNKVLILAD GDPSSFLSRQ LPFLSSLRRV EDRA TVYIFE NQAC SMPITD

PCELRKLLHQ **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: SPATA20

Alternative Name: Spata20 ([SPATA20 Products](#))

Background: Spermatogenesis-associated protein 20 (Sperm-specific protein 411) (Ssp411) (Transcript increased in spermiogenesis 78 protein),FUNCTION: May play a role in fertility regulation. {ECO:0000250}.

Molecular Weight: 88.5 kDa

UniProt: [Q80YT5](#)

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