

Datasheet for ABIN7560421  
**SPZ1 Protein (AA 1-378) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	SPZ1
Protein Characteristics:	AA 1-378
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPZ1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Spz1 Protein expressed in mammalian cells.
Sequence:	MSDTDNSAEM PARCPSPNPA PGAKQEPPNS GITISLLEIG SLPTVCYHSF PPPKNSICPV EKRGRVQKFS NLLKDVKDVL KNIAGVEEKS TVGEPFDDAY IPEDLSELVN RGVEKKNKIR FKDDLFIHFD PEREQNTMKQ MLLKNQSAKN MVPKFARDLC NAEETRFGDG MLLSVKRPRN GSLHLRGEYR KLRNNMEQLL QEADHWSKQH NELSELMRSY QECQNETQET TDKDRAQLQN QPNNGLSTKQ KLEEQVKKLS HDTHALHLIA ALLENECQVL QQRVDILKDF HLHEAGLGHE KPLQMSCEQD KKCPKLAEAD KTAFAKHTR ATEGTIRPKP ILRSPDVCFT KKARNNRFNA RVAKKSLVGK RRTVSSFR <b>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.</b>
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:

## Product Details

---

- 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:	SPZ1
Alternative Name:	Spz1 ( <a href="#">SPZ1 Products</a> )
Background:	Spermatogenic leucine zipper protein 1 (BHLH-Zip transcription factor SPZ1) (Spermatogenic Zip 1),FUNCTION: Transcription factor that binds to the DNA sequence 5'-CANNTG-3'(E box) and the G-box motif. Directly binds to a guanine-rich region of the PCNA promoter and up-regulates its expression which in turn induces cell transformation and tumor formation. May play an important role in the regulation of cell proliferation and differentiation during spermatogenesis. {ECO:0000269 PubMed:11165476, ECO:0000269 PubMed:14980513, ECO:0000269 PubMed:15899793}.
Molecular Weight:	43.1 kDa
UniProt:	<a href="#">Q99MY0</a>
Pathways:	<a href="#">MAPK Signaling</a>

---

## Application Details

---

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
--------------------	--

---

## Application Details

---

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

---