

Datasheet for ABIN7551571  
**RSBN1 Protein (AA 1-802) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RSBN1
Protein Characteristics:	AA 1-802
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RSBN1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant RSBN1 Protein expressed in mammalian cells.
Sequence:	MFISGRRTAD KWRAEERLQC PAGSARAALA RCADGGAVGP FKCVFVGEMA AQVGAVRVVR AVAAQEEDPK EGKEKPHAGV SPRGVKRQRR SSSGGSQEKR GRPSQEPPLA PPHRRRRSRQ HPGPLPPTNA APTVPGPVEP LLLPPPPPPS LAPAGPAVAA PLPAPSTSAL FTFSPPLTVSA AGPKHKGHKE RHKHHHHRGP DGDPSSCGTD LKHKDKQENG ERTGGVPLIK APKRETPDEN GKTQRADDFV LKKIKKKKKK KHREDMRGR LKMYNKEVQT VCAGLTRISK EILTQQGINS TSGLNKESFR YLKDEQLCRL NLGMQEYRVP QGVQTPFMTH QEHSIRRNFL KTGTKFSNFI HEEHQSNGGA LVLHAYMDEL SFLSPMEMER FSEEFALTF SENEKNAAYY ALAIVHGAAA YLPDFLDYFA FNFNTPVKM EILGKKDIET TTISNFHTQV NRTYCCGTYR AGPMRQISLV GAVDEEVGDY FPEFLDMLLE SPFLKMTLPW GTLSSLRLQC RSQSDDGPIW WVRPGEQMIP TADMPKSPFK RRRSMNEIKN LQYLPTSEP REVLFEEDRTR AHADHVGQGF DWQSTAAVGV LKAVQFGEWS DQPRITKQVI CFHAEDFTDV VQRLQLDLHE PPSVQCVQWV DEAKLNQMRR EGIRYARIQL CDNDIYFIPR NVIHQFKTVS AVCSLAWHIR LKQYHPVVEA TQNTESNSNM

## Product Details

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DCGLTGKREL EVDSQCVRIK TESEEACTEI QLLTTASSSF PPASELNLQQ DQKTQPIVL  
KVESRLDSDQ QHNLQEHSTT SV **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

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Target: RSBN1

Alternative Name: RSBN1 ([RSBN1 Products](#))

Background: Lysine-specific demethylase 9 (KDM9) (EC 1.14.11.-) (Round spermatid basic protein 1),FUNCTION: Histone demethylase that specifically demethylates dimethylated 'Lys-20' of histone H4 (H4K20me2), thereby modulating chromosome architecture.  
{ECO:0000250|UniProtKB:Q80T69}.

Molecular Weight: 90.1 kDa

UniProt: [Q5VWQ0](#)

## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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