

Datasheet for ABIN7558315
RSBN1 Protein (AA 1-795) (His tag)



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Overview

Quantity:	1 mg
Target:	RSBN1
Protein Characteristics:	AA 1-795
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RSBN1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Rsb1 Protein expressed in mammalian cells.
Sequence:	MFRSTRTTDQ WRVGERLQCP AGHARAALAR TADGGAVGPF KCVFVGEMAA QVGAVRVVRA VAAQEEDKE GKEKPHVGVV PRGVKRQRRR SSGGSQEKRG RPSQDPPLAP PHRRRRSRQH PGPLPPTNAA PTVPGPVEPL LLPPPPPSL APAGPTVAAP LPAPGTSALF TFSPLTVSAA GPKHKGHKER HKHHHHRGSD GDPGACVPGD LKHKDKQENG ERSGGVPLIK APKRETADEN GKTQRADDFV LKKIKKKKKK KHREDMRGR LKMYNKEVQT VCAGLTRISK EILTQQLNS TSGVNKESFR YLKDEQLCRL NLGMQEYRVP QGVQTPFTTH QEHSIRRNFL KTGTKFSNFI HEEHQSNGGA LVLHAYMDEL SFLSPMEMER FSEEFALTF SENEKNAAYY ALAIVHGAAA YLPDFLDYFA FNFNTPVKM EILGKKDIET TTISNFHTQV NRTYCCGTYR AGPMRQISLV GAVDEEVGDY FPEFLDMLLE SPFLKMTLPW GTLSSLQLQC RSQSDDGPIW WVRPGEQMIP TADMPKSPFK RRRSMNEIKN LQYLPRTSEP REVLFEEDRTR AHADHVGQGF DWQSTAAVGV LKAVQFGEWS DQPRITKQVI CFHAEDFTDV VQRLQLDLHE PPSVQCQVQWV DEAKLNQMRR EGIRYARIQL CDNDIYFIPR NVIHQFKTVS AVCSLAWHIR LKQYHPVVET AQNTESNSNM

Product Details

DCGLEVDSQC VRIKTESEER CTEMQLLTTA SPSFPPSEL HLQDLKTQPL PVFKVESRLD
SDQQHSLQAH PSTPV **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: RSBN1

Alternative Name: Rsb1 ([RSBN1 Products](#))

Background: Lysine-specific demethylase 9 (KDM9) (EC 1.14.11.-) (Round spermatid basic protein 1) (Rosbin),FUNCTION: Histone demethylase that specifically demethylates dimethylated 'Lys-20' of histone H4 (H4K20me2), thereby modulating chromosome architecture. {ECO:0000269|PubMed:28867287}.

Molecular Weight: 89.3 kDa

UniProt: [Q80T69](#)

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
