

Datasheet for ABIN7551216
RBM46 Protein (AA 1-533) (His tag)



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Overview

Quantity:	1 mg
Target:	RBM46
Protein Characteristics:	AA 1-533
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RBM46 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RBM46 Protein expressed in mammalian cells.
Sequence:	<p>MNEENIDGTN GCSKVRTGIQ NEAALLALME KTGYNMVQEN GQRKFGGPPP GWEGPPPPRG CEVFGKIPR DMYEDELVPV FERAGKIYEF RLMMEFSGEN RGYAFVMYTT KEEAQLAIRI LNNYEIRPGK FIGVCVSLDN CRLFIGAIPK EKKKEEILDE MKKVTEGVVD VIVYPSATDK TKNRGFAFVE YESHRAAAMA RRKLIPGTFQ LWGHTIQVDW ADPEKEVDEE TMQRVKVLYV RNLMIISTEE TIKAEFNKFK PGAVERVKKL RDYAFVHFFN REDAVAAMSV MNGKCIDGAS IEVTLAKPVN KENTWRQHLN GQISPNSENL IVFANKEESH PKTLGKLPTL PARLNGQHSP SPPEVERCTY PFYPGKLTTP ISMYSLKSNH FNSAVMHLDY YCNKNNWAPP EYYLYSTTSQ DGKVLLVYKI VIPAIANGSQ SYFMPDKLCT TLEDAKELAA QFTLLHLDYN FHRSSINSLS PVSATLSSGT PSVLPYTSRP YSYPGYPLSP TISLANGSHV GQRLCISNQA SFF 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.</p>

Product Details

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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	RBM46
Alternative Name:	RBM46 (RBM46 Products)
Background:	<p>Probable RNA-binding protein 46 (Cancer/testis antigen 68) (CT68) (RNA-binding motif protein 46),FUNCTION: Essential for male and female fertility, playing a crucial role in regulating germ cell development by ensuring the proper progression of meiosis prophase I (By similarity). Regulates mitotic-to-meiotic transition in spermatogenesis by forming a complex with MEIOC and YTHDC2 which recognizes and down-regulates mitotic transcripts for a successful meiotic entry (By similarity). Required for normal synaptonemal complex formation during meiosis, binding meiotic cohesin subunit mRNAs containing GCCUAU/GUUCGA motifs in their 3'UTRs regions and positively regulating their translation (By similarity). Required for spermatogonial differentiation in both developing and adult testis (By similarity).</p> <p>{ECO:0000250 UniProtKB:P86049}.</p>
Molecular Weight:	60.0 kDa

Target Details

UniProt: [Q8TBY0](#)

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