

Datasheet for ABIN7558797
RBM9 Protein (AA 1-449) (His tag)



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Overview

Quantity:	1 mg
Target:	RBM9
Protein Characteristics:	AA 1-449
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RBM9 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Rbfox2 Protein expressed in mammalian cells.
Sequence:	MAEGGQAQQQ PPQLGPGAAA RGMKRESEVE LPVPGAGADG PEPGLSKRPR TEEAADGGMQ NEPLTPGYHG FPARDGQGNQ EPTTTPDAMV QPFTTIPFPP PPQNGIPTEY GVPHTQDYAG QTSEHNLTLY GSTQPHGEQS SNSPSNQNGS LTQTEGGAQT DGQQSQTQSS ENSESKSTPK RLHVSNIPIFR FRDPDLRQMF GQFGKILDVE IIFNERGSKG FGFVTFENSA DADRAREKLH GTVVEGRKIE VNNATARVMT NKKMVTPTYAN GWKLSPVVG A VYGPELYAAS SFQADVSLGN EAAVPLSGRG GINTYIPLIS LPLVPGFPYP TAATTA AAFR GAHLRGRGRT VYGAVRAVPP TAIPAYPGVV YQDGFYGADL YGGYAAARYA QPATATAATA AAAAAAAYSD GYGRVYTADP YHALAPAASY GVGAVASLYR GGYSRFAPY 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

Product Details

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:

RBM9

Alternative Name:

Rbfox2 ([RBM9 Products](#))

Background:

RNA binding protein fox-1 homolog 2 (Fox-1 homolog B) (Fox-1 homolog Fxh) (Hexaribonucleotide-binding protein 2) (RNA-binding motif protein 9) (RNA-binding protein 9),FUNCTION: RNA-binding protein that regulates alternative splicing events by binding to 5'-UGCAUGU-3' elements. Prevents binding of U2AF2 to the 3'-splice site. Regulates alternative splicing of tissue-specific exons and of differentially spliced exons during erythropoiesis. Seems to act as a coregulatory factor of ER-alpha (By similarity). Together with RNA binding proteins RBPMS and MBNL1/2, activates vascular smooth muscle cells alternative splicing events (By similarity). {ECO:0000250, ECO:0000250|UniProtKB:A1A5R1, ECO:0000269|PubMed:15824060, ECO:0000269|PubMed:16260614, ECO:0000269|PubMed:16449636, ECO:0000269|PubMed:16537540, ECO:0000269|PubMed:17101796, ECO:0000269|PubMed:17715393}.

Molecular Weight:

47.3 kDa

Target Details

UniProt:	Q8BP71
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Skeletal Muscle Fiber Development

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