

Product datasheet for **MR228986**

Rbfox2 (NM_001286418) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rbfox2 (NM_001286418) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rbfox2
Synonyms: Fbm2; Fxh; Hrnbp2; Rbm9
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR228986 representing NM_001286418
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGAAAAAGAAAATGGTAACTCAGGGTAACCAGGAGCCAACAACAACCTCCTGACGCAATGGTTCAGC
CTTTTACTACCATCCCGTCCCACCACCTCCACAAAATGGAATCCACAGAATATGGAGTGCCACACAC
TCAGGACTATGCCGGCCAGACCAGTGAACATAACCTGACCCTCTACGGGAGTACGCAGCCTCATGGAGAA
CAGAGTAGCAATTCACCCAGCAACCAGAATGGATCTCTCACGGTGAATAATGCAACAGCAGGGTCAATGA
CCAACAAGAAGATGGTCACGCCATATGCAATGGCTGGAAGTTAAGCCCAGTAGTTGGAGCTGTGTATGG
TCCTGAGTTATATGCAGCATCCAGCTTTCAAGCTGATGTGTCCCTAGGCAATGAGGCGGCTGTGCCCTTG
TCAGGAAGAGGAGGCATCAACACTTACATCCCTCTAATCAGTCTCCCTTAGTTCCTGGCTTCCCTTACC
CAACTGCAGCCACCACGGCAGCTGCTTTCCGAGGAGCCCATCTGAGGGGCAGAGGGCGGACAGTGTATGG
TGCAGTCCGAGCGGTACCTCCAACAGCCATCCCCGCTATCCAGGTGTGGTTTACCAGGACGGATTTTAC
GGTGTGACCTCTATGGTGGATATGCAGCCTACAGATATGCACAGCCTGCTACTGCAACCCGACGCCACAG
CTGCTGCAGCCGCTGCAGCCGCTTACAGCGACGGTTACGGCAGGGTGTACACAGCTGACCCTACCATGC
CCTCGCCCTGCCGCCAGCTATGGAGTTGGCGCTGTGGCGAGTTGTACCGAGGTGGCTACAGCCGATTT
GCCCCCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR228986 representing NM_001286418
 Red=Cloning site Green=Tags(s)

MEKKKMVTQGNQEPTTTPDAMVQPFTTIPFPPPPQNGIPTEYGVPHQTQDYAGQTSEHNLTLYGSTQPHGE
 QSSNSPSNQNGSLTVNNATARVMTNKKMVTPTYANGWKLSPVVGAVYGPPELYAASSFQADVSLGNEAAVPL
 SGRGGINTYIPLISLPLVPGFPYPTAATTAARFRGAHLRGRGRTVYGAVRAVPPTAIPAYPGVVYQDGFY
 GADLYGGYAAARYAQPATATAATAAAAAAAYS DGYGRVYTADPYHALAPAASYGVGAVASLYRGGYSRF
 APY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

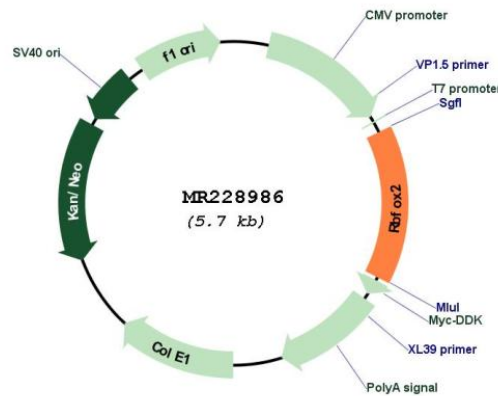
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001286418

ORF Size: 849 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001286418.1 , NP_001273347.1
RefSeq Size:	6280 bp
RefSeq ORF:	852 bp
Locus ID:	93686
UniProt ID:	Q8BP71
Cytogenetics:	15 D3
MW:	30 kDa
Gene Summary:	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).[UniProtKB/Swiss-Prot Function]