

## Product datasheet for **RN201364**

### **Rbfox2 (NM\_001079895) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rbfox2 (NM\_001079895) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Rbfox2  
**Synonyms:** Rbm9  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN201364 representing NM\_001079895  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGAAGGCGCCAGGCACAGCAGCAGCCGCCTCAGCTCGGGCCGGCGCTGCCGCCGGGGCATGA  
 AGCGGGAGTCGGAGGTGGAGCTGCCGGTCCCGGAGCGGGGCGAGACGGACCCGAGCCCGCCTGAGCAA  
 GCGGCCACGCACAGAGGAGGCGCCGACGAAGGGATGCAGGGTAACCAGGAGCCAACAACAACCTCCTGAC  
 GCAATGGTTTCAGCCTTTACTACCATCCCATTCCACCACCTCCACAGAACGGAATCCACAGAATATG  
 GAGTGCCACACTCAGGACTATGCCGGCCAGACCAGTGAACATAACCTGACACTCTACGGGAGTTCACA  
 GCCCATGGAGAACAGAGTAGCAATTCACCCAGCAACCAGAATGGATCTCTCACGCAGACAGAAGGTGGA  
 GCACAGACAGACGGACAACAGTCACAGACACAAAGTAGTAAAAATTCAGAGAGTAAATCCACGCCAAGC  
 GACTACATGTCTAATATTCCTTCCGCTTCCGGGACCCTGACCTCCGGCAGATGTTTGGGCAGTTTGG  
 CAAAATCCTAGATGTGAAATAATCTTTAATGAGCGCGGTTCCAAGGGATTCCGGTTCGTAACCTTCGAG  
 AATAGTGCTGATGCAGACAGGGCCAGGGAGAAAATGCACGGCACCGTGGTAGAGGGCCGTAATTCGAGG  
 TGAATAATGCTACCGCACGGGTCATGACCAACAAGAAGATGGTACACCATATGCAAATGGCTGGAAGTT  
 AAGCCCCAGTAGTTGGAGCTGTGTACGGCCCTGAGTTATATGCAGCATCCAGCTTTCAAGCTGATGTGTC  
 CTAGGCAATGAGGCGGCTGTGCCCTTGTGAGGAAGAGGGGCATCAACACTTACATTCCTAATCAGTC  
 TCCCTTTAGTTCTGGCTTCCCTTACCCAACTGCAGCCACCACAGCAGCCGCTTTTCAGAGGAGCCCATCT  
 GAGGGGCAGAGGGCGGACAGTGTATGGTGCAGTGCAGCGGTACCTCCAACAGCCATCCCCGCTATCCA  
 GGTGTGGTTTACCAGGACGGATTTACGGTGTGACCTCTATGGTGGATATGCAGCCTACAGATATGCAC  
 AGCCTGCTACTGCAACCGCAGCCACAGCTGCTGCAGCCGCTGCAGCCGCTTACAGCGACGGTTACGGCAG  
 GGTGTACACAGCTGACCCTACCATGCCCTCGCCCTGCCCCAGCTATGGAGTTGGCGCTGTGGCGAGT  
 TTGTACCGAGGTGGCTACAGCCGATTTGCCCTACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001079895
<b>Insert Size:</b>	1299 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001079895.1</a></u> , <u><a href="#">NP_001073364.1</a></u>
<b>RefSeq Size:</b>	1971 bp
<b>RefSeq ORF:</b>	1299 bp
<b>Locus ID:</b>	362950
<b>UniProt ID:</b>	<u><a href="#">A1A5R1</a></u>
<b>Cytogenetics:</b>	7q34
<b>Gene Summary:</b>	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]