

## Product datasheet for RN213164

### Rbfox1 (NM\_001106974) Rat Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | Rbfox1 (NM_001106974) Rat Untagged Clone   |
| Tag:                      | Tag Free   |
| Symbol:                   | Rbfox1   |
| Synonyms:                 | A2bp1  |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pCMV6-Entry (PS100001)   |
| E. coli Selection:        | Kanamycin (25 ug/mL)   |
| Fully Sequenced ORF:      | >RN213164 representing NM_001106974<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTGGCGTCGCAAGGAGTCCTTCTGCATTCTTATGGCGTGCCTATGGTTGTGCCTGCTGCCCCCTTCT  
TCCCGGGACTGATGCAGGGTAATCAGGAAGCAGCGCCGCCCTGACACAATGGCTCAGCCTTATGCCTC  
AGCGCAGTTCGCTCCACCCAGAATGGCATCCCTGCAGAATACACGGCCCTCATCCCCATCCCGGCCA  
GAGTACACCGGCCAGACCACTGTCCCGACCACACATTAACCTGTATCCTCCTACACAGACGCACTCGG  
AGCAGAGCGCTGATACAAGCGCACAGACCGTCTCCGGCACCGCCACACAGACAGATGATGCCGCCCGAC  
CGACGGCCAGCCCAGACACAACCTTCTGAAAACACAGAAAACAAGTCCCAGCCCAAGCGCTGCATGTG  
TCCAACATCCCCTTCCGGTTCGGGATCCAGACCTCCGACAAATGTTTGGCCAATTTGGTAAAATATTAG  
ATGTTGAAATTATTTTAAATGAGCGGGGCTCGAAGGGATTTGGTTTCGTAACCTTCGAAAATAGTGCGGA  
TGCGGACAGGGCGAGGGAGAAAATGCACGGTACCGTGGTAGAGGGCCGTAATAATCGAGGTTAATAATGCG  
ACAGCACGCGTGATGACTAATAAAAAGGCCGTGAACCCCTACACCAATGGCTGAAAATTAATCCAGTTG  
TGGCGCGGTCTACAGCCCCGACTTCTATGCAGGCACGGTGTGTGTGCCAGGCCAACCAGGAGGGATC  
TTCCATGTACAGTGGCCCCAGTTCACCTTGATATACTTCTGCAATGCCTGGCTTTCCATATCCGGCCGCC  
ACTGCTGCAGTGCATACCGAGGGGCTCACCTTCGAGGCCGTGGTGCACCGTGTACAACACCTTCAGAG  
CTGCGGCCGCCACCCCAATCCCGGCTATGGCGGTGTTGTTTACCAGGATGGATTTTATGGTGCAGAC  
CATTTATGGTGGTTACGCTGCATACCGCTACGCCAGCCACCCCTGCCACTGCTGCTGCCTACAGTGAC  
AGTTACGGACGAGTTTATGCTGCCGACCCTACCACCACACACTTGTCCAGCCCCACCTACGGCGTTG  
GTGCCATGAATGCTTTTGCGCCCTTGACCGATGCCAAGACTAGGAGCCATGCTGATGATGTGGTCTCGT  
TCTTTCTCATTGCAGGCTAGTATATACCGAGGGGGATACAACCGTTTTGCTCCATATAA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

|                               |  |
|-------------------------------|--|
| <b>Chromatograms:</b>         | <a href="https://cdn.origene.com/chromatograms/ja3019_f12.zip">https://cdn.origene.com/chromatograms/ja3019_f12.zip</a>  |
| <b>Restriction Sites:</b>     | Sgfl-RsrII   |
| <b>ACCN:</b>                  | NM_001106974   |
| <b>Insert Size:</b>           | 1251 bp  |
| <b>OTI Disclaimer:</b>        | <p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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).</p> |
| <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>                | <a href="#">NM_001106974.2</a> , <a href="#">NP_001100444.2</a>  |
| <b>RefSeq Size:</b>           | 4153 bp  |
| <b>RefSeq ORF:</b>            | 1251 bp  |
| <b>Locus ID:</b>              | 302920   |
| <b>Cytogenetics:</b>          | 10q12  |
| <b>Gene Summary:</b>          | The Fox-1 family of RNA-binding proteins is evolutionarily conserved, and regulates tissue-specific alternative splicing in metazoa. Fox-1 recognizes a (U)GCAUG stretch in regulated exons or in flanking introns. [provided by RefSeq, Nov 2011]   |