

## Product datasheet for MR220899

### Rbfox3 (NM\_001039168) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rbfox3 (NM\_001039168) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Rbfox3  
**Synonyms:** Fox-3; Hrnbp3; NeuN; Neuna60  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR220899 representing NM\_001039168  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCCAGCCCTACCCCTGCCAGTACCCTCCTCCGCTCAGAATGGAATCCCAGCTGAATATGCC  
 CACCTCCGCTCATCCCACCCAGGACTACTCCGGCCAGACCCCTGTTCCCCCGAGCACGGCATGACCT  
 CTACACACCCGCACAGACTCATCCTGAGCAGCCAGGCACTGAGGCCAGCACAGCCATTGCTGGGACC  
 CAGACGGTGCCGCGAGATGAAGCAGCACAGACAGACAACCAGCAACTCCACCCTCCGACCCACGGAGA  
 AGCAGCAGCCAAACGACTACATGTCTCCAACATCCCCTCCGGTTCAGGGACCCCGACCTGCGGCAAT  
 GTCGGGCAATTCGGGAAAATTTAGACGTGGAGATCATTTTTAACGAGCGGGGCTCCAAGGTTTTGGG  
 TTTGTAACTTTTGAACTAGCTCAGATGCTGACCGAGCCCGGAGAAGCTGAATGGGACGATCGTAGAGG  
 GACGAAAATTGAGGTCAATAATGCCACAGCCGGTCAATGACCAATAAGAAGCCTGGGAACCCATATGC  
 CAATGGCTGGAAGCTAAACCCTGTGGTAGGAACAGTCTATGGCCTGAATTCTATGCAGTGACAGTTTC  
 CCCTACCCACCACGGGCACCGCCTGGCTACCGGGTGCACACCTGCGGGCCGGGCGGTGCTGTGT  
 ATAATACATTTGAGCTGCACCCTCCACCCCATCCAATTATGGAGCGGTGCTGTATCAGGATGG  
 ATTTTATGGTGTGAGATTTATGGAGGCTATGCAGCTTACAGATATGCTCAGCCAGCAGCCGCCACCGCA  
 GCAGCCTACAGTGACAGTTATGGTAGAGTCTATGCCGTGCTGATCCTTACCATCACACCATCGGCCCA  
 CAGCAACCTACAGCATCGGAACCATGGCTAGCCTCTGCCGAGGAGGTACAGCCGCTTACCCCTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR220899 representing NM\_001039168  
Red=Cloning site Green=Tags(s)

MAQYPYPPAQYPPPPQNGIPAEYAPPPHPTQDYSGQTPVPPPEHGMLTYTPAQTHPEQPGTEASTQPIAGT  
 QTVPADAAAQTDNQQLHPSPDTEKQQPKRLHVSNIFFRFRDPLRQMFQGFQKILDVEIIFNERGSKGFG  
 FVTFETSSADRAREKLNGTIVEGRKIEVNNATARVMTNKKPGNPYANGWKLNPVVGTVYGPEFYAVTSF  
 PYPTTGTAVAYRGAHLRGRGRAVYNTFRAAPPPPIPTYGAVVYQDGFYGAIEYGGYAAARYAQPAAATA  
 AAYSDSYGRVYAAADPYHHTIGPTATYSIGTMASLCRGGYSRFTPY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja2683\\_g01.zip](https://cdn.origene.com/chromatograms/ja2683_g01.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001039168

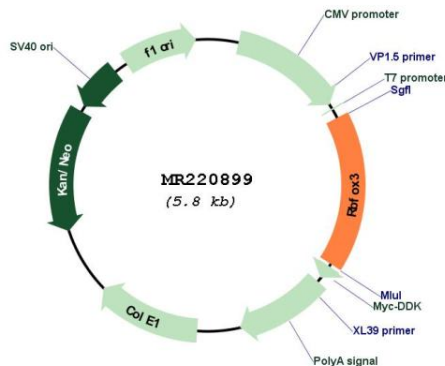
**ORF Size:** 981 bp

**OTI Disclaimer:** 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 [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>NM_001039168.1, NP_001034257.1</u>
<b>RefSeq Size:</b>	4401 bp
<b>RefSeq ORF:</b>	981 bp
<b>Locus ID:</b>	52897
<b>UniProt ID:</b>	<u>Q8BIF2</u>
<b>Cytogenetics:</b>	11 83.22 cM
<b>MW:</b>	35.5 kDa
<b>Gene Summary:</b>	Pre-mRNA alternative splicing regulator. Regulates alternative splicing of RBFOX2 to enhance the production of mRNA species that are targeted for nonsense-mediated decay (NMD). [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR220899