

Product datasheet for MC209922

Rbfox3 (NM_001024931) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rbfox3 (NM_001024931) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rbfox3
Synonyms: Fox-3; Hrnbp3; NeuN; Neuna60
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC209922 representing NM_001024931
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCAGCCCTACCCCTGCCAGTACCCTCCTCCGCTCAGAATGGAATCCCAGCTGAATATGCC
 CACCTCCGCTCATCCCACCCAGGACTACTCCGGCCAGACCCCTGTTCCCCCGAGCACGGCATGACCT
 CTACACACCCGCACAGACTCATCCTGAGCAGCCAGGCACTGAGGCCAGCACAGCCATTGCTGGGACC
 CAGACGGTGCCGAGGCAGATGAAGCAGCACAGACAGACAACCAGCAACTCCACCCTCCGACCCACGG
 AGAAGCAGCAGCCAAACGACTACATGTCTCCAACATCCCCTCCGGTTCAGGGACCCGACCTGCGGCA
 AATGTTTCGGCAATTCGGGAAAATTTAGACGTGGAGATCATTTTTAACGAGCGGGCTCCAAGGGTTT
 GGGTTTGAACTTTTGAACTAGCTCAGATGCTGACCGAGCCCGGAGAGCTGAATGGGACGATCGTAG
 AGGGACGGAAAATTGAGGTCAATAATGCCACAGCCCGGTTCATGACCAATAAGAAGCCTGGGAACCCATA
 TGCCAATGGCTGGAAGCTAAACCCTGTGGTAGGAACAGTCTATGGGCTGAATTCATGCAGTGACCAGT
 TTCCCCTACCCACCCAGGGCACCGCCTTGCCTACCGGGGTGCACACCTGCGGGGCCGGGGCCGTGCTG
 TGTATAATACATTTGAGCTGCACCACCTCCACCCCATTCACCTTATGGAGCGGTGCTGTATCAGGA
 TGGATTTATGGTGTGAGATTTATGGAGGCTATGCAGCTTACAGATATGCTCAGCCAGCAGCCGCCACC
 GCAGCAGCCTACAGTGACAGTTATGGTAGAGTCTATGCCGCTGCTGATCCTTACCATCACACCATCGGCC
 CCACAGCAACCTACAGCATCGGAACCATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001024931



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Insert Size:	942 bp
OTI Disclaimer:	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).
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:	<u>NM_001024931.2</u> , <u>NP_001020102.2</u>
RefSeq Size:	3007 bp
RefSeq ORF:	942 bp
Locus ID:	52897
UniProt ID:	<u>Q8BIF2</u>
Cytogenetics:	11 83.22 cM
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) uses an alternate in-frame splice junction at the 5' end of an exon and has an alternate 3' UTR and coding sequence compared to variant 1. The resulting isoform (3) lacks an alternate internal segment and is shorter at the C-terminus compared to isoform 1. Variants 3 and 6 both encode the same isoform (3).</p>