

Product datasheet for **MC227062**

Rbfox3 (NM_001285437) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rbfox3 (NM_001285437) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rbfox3
Synonyms: Fox-3; Hrnbp3; NeuN; Neuna60
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227062 representing NM_001285437
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCCAGCCCTACCCCTGCCAGTACCTCCTCCGCTCAGAATGGAATCCCAGCTGAATATGCC
 CACCTCCGCTCATCCCACCCAGGACTACTCCGCCAGACCCCTGTTCCCCCGAGCACGGCATGACCT
 CTACACCCCGCACAGACTCATCCTGAGCAGCCAGGCACTGAGGCCAGCACAGCCATTGCTGGGACC
 CAGACGGTGCCGAGGCAGATGAAGCAGCACAGACAGACAACCAGCAACTCCACCCTTCGACCCACGG
 AGAAGCAGCAGCCAAACGACTACATGTCTCCAACATCCCCTTCGGTTCCAGGGACCCCGACCTGCGGCA
 AATGTTCCGGCAATTCCGGAAAATTTTAGACGTGGAGATCATTTTTAACGAGCGGGGCTCCAAGGTCAAT
 AATGCCACAGCCCGGTCATGACCAATAAGAAGCCTGGGAACCCATATGCCAATGGCTGGAAGCTAAACC
 CTGTGGTAGGAACAGTCTATGGCCTGAATTCTATGCAGTGACCAGTTTCCCCTACCCACCACGGGCAC
 CGCCGTTGCCTACCGGGTGCACACCTGCGGGCCGGGGCGTGTGTATAATACATTCGAGCTGCA
 CCACCTCCACCCCATTCACACTTATGGAGCGGCACTGGAGCAAACGCTGTTAAAATGCCAGTCCCCT
 GGGCGGGGCTGGCACCGTGCCCTCCCTCCTCAGCAGACCCGGAGCCGGCCTACCCACCTCTCCAGC
 GTTCCCACCACTCTTTGTCCGTTTGTCCAGGGTCTGTATCAGGATGGATTTTATGGTGCTGAGATT
 TATGGAGGCTATGCAGCTTACAGATATGCTCAGCCAGCAGCCGCCACCGCAGCAGCTACAGTGACAGTT
 ATGGTAGAGTCTATGCCGCTGCTGATCCTTACCATCACACCATCGGCCCCACAGCAACCTACAGCATCGG
 AACCAT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001285437



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Insert Size:	990 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001285437.1</u> , <u>NP_001272366.1</u>
RefSeq Size:	2948 bp
RefSeq ORF:	990 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 (5) differs in the 5' UTR, lacks an alternate in-frame exon, and has an alternate 3' UTR and coding sequence compared to variant 1. The resulting isoform (5) lacks an alternate internal segment and is shorter at the C-terminus compared to isoform 1.</p>