

Product datasheet for **MR229180**

Rbfox3 (NM_001285438) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rbfox3 (NM_001285438) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rbfox3
Synonyms: Fox-3; Hrnbp3; NeuN; Neuna60
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR229180 representing NM_001285438
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAGCCCTACCCCTGCCAGTACCCTCCTCCGCTCAGAATGGAATCCCAGCTGAATATGCC
 CACCTCCGCTCATCCCACCCAGGACTACTCCGGCCAGACCCCTGTTCCCCCGAGCACGGCATGACCT
 CTACACACCCGCACAGACTCATCCTGAGCAGCCAGGCACTGAGGCCAGCACAGCCATTGCTGGGACC
 CAGACGGTGCCGAGGCAGATGAAGCAGCACAGACAGACAACCAGCAACTCCACCCTTCGACCCACGG
 AGAAGCAGCAGCCAAACGACTACATGTCTCCAACATCCCCTTCGGTTCAGGGACCCCGACCTGCGGCA
 AATGTTTCGGCAATTCGGGAAAATTTTAGACGTGGAGATCATTTTTAACGAGCGGGGCTCCAAGGTTTT
 GGGTTTGTAACTTTGAACTAGCTCAGATGCTGACCGAGCCCGGAGAAAGCTGAATGGGACGATCGTAG
 AGGGACGGAAAATTGAGGTCAATAATGCCACAGCCCGGTTCATGACCAATAAGAAGCCTGGGAACCCATA
 TGCCAATGGCTGGAAGCTAAACCCTGTGGTAGGAACAGTCTATGGGCTGAATTCTATGCAGTGACCAGT
 TTCCCTACCCACCCAGGGCACCGCCTTGCCTACCGGGTGCACACCTGCGGGGCCGGGCGCTGCTG
 TGTATAATACATTCGAGCTGCACCACCTCCACCCCAATCCAATTATGGAGCGGTCGTGATCAGGA
 TGGATTTTATGGTGTGAGATTTATGGAGCTATGCAGCTTACAGATATGCTCAGCCAGCAGCCGCCACC
 GCAGCAGCTACAGTGACAGTTATGGTAGAGTCTATGCCGCTGCTGATCCTTACCATCACACCATCGGCC
 CCACAGCAACCTACAGCATCGGAACCATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229180 representing NM_001285438
 Red=Cloning site Green=Tags(s)

MAQPYPPAQYPPPPQNGIPAEYAPPPPHPTQDYSGQTPVPPPEHGMPLYTPAQTHPEQPGTEASTQPIAGT
 QTVPQADEAAQTDNQLHPSDPTEKQQPKRLHVSNIPIFRFRDPLRQMFQFGKILDVEIIFNERGSKGF
 GFVTFETSSDADRAREKLNGTIVEGRKIEVNNATARVMTNKKPGNPNYANGWKLNPVVGTVYGPEFYAVTS
 FPYPPTGTAVAYRGAHLRGRGRAVYNTFRAAPPPPIPTYGAVVYQDGFYGAIEIYGGYAAVRYAQPAAAT
 AAAYSYSYGRVYAAADPYHHTIGPTATYSIGTM

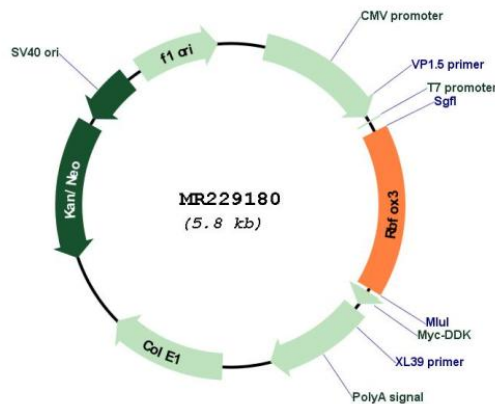
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001285438

ORF Size: 939 bp

OTI Disclaimer:	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
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001285438.1 , NP_001272367.1
RefSeq Size:	2813 bp
RefSeq ORF:	942 bp
Locus ID:	52897
UniProt ID:	Q8BIF2
Cytogenetics:	11 83.22 cM
MW:	34.5 kDa
Gene Summary:	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]