

Product datasheet for MR229480

Rbfox3 (NM_001285436) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rbfox3 (NM_001285436) 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: >MR229480 representing NM_001285436
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAGCCCTACCCCTGCCAGTACCCTCCTCCGCTCAGAATGGAATCCCAGCTGAATATGCC
 CACCTCCGCTCATCCCACCCAGGACTACTCCGCCAGACCCCTGTTCCCCCGAGCACGGCATGACCT
 CTACACACCCGCACAGACTCATCCTGAGCAGCCAGGCACTGAGGCCAGCACACAGCCATTGCTGGGACC
 CAGACGGTGCCGAGGCAGATGAAGCAGCACAGACAGACAACCAGCAACTCCACCCTTCGACCCACGG
 AGAAGCAGCAGCCAAACGACTACATGTCTCCAACATCCCCTTCGGTTCAGGGACCCCGACCTGCGGCA
 AATGTTTCGGCAATTCGGGAAAATTTTAGAGCTGGAGATCATTTTTAACGAGCGGGGCTCCAAGGTTTT
 GGGTTTGTAACTTTGAACTAGCTCAGATGCTGACCGAGCCCGGAGAAAGCTGAATGGGACGATCGTAG
 AGGGACGGAAAATTGAGGTCAATAATGCCACAGCCCGGTTCATGACCAATAAGAAGCCTGGGAACCCATA
 TGCCAATGGCTGGAAGCTAAACCCTGTGGTAGGAACAGTCTATGGGCTGAATTCATGCAGTGACCAGT
 TTCCCTACCCACCCAGGGCACCGCCTTGCCTACCGGGTGCACACCTGCGGGGCCGGGCGCTGCTG
 TGTATAATACATTTGAGCTGCACCACCTCCACCCCAATTCCAATTATGGAGCGGCACTGGAGCAAAC
 GCTTGTTAAAATGCCAGTCCCGTGGGCGGGCTGGCAGCGTGGCCCTCCCTCCTCAGCAGACACCGGAG
 CCGGCCTACCCACCTCTCCAGCTTCCACCCTCTTGTCCGTTTGTTCAGGGTCTGTATCAGG
 ATGGATTTATGGTGCTGAGATTTATGGAGGCTATGCAGCTTACAGATATGCTCAGCCAGCAGCCGCCAC
 CGCAGCAGCCTACAGTGACAGTTATGGTAGAGTCTATGCCGCTGCTGATCCTTACCATCACACCATCGGC
 CCCACAGCAACCTACAGCATCGGAACCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229480 representing NM_001285436
 Red=Cloning site Green=Tags(s)

MAQPYPPAQYPPPPQNGIPAEYAPPPHPTQDYSGQTPVPPEHGMPLYTPAQTHPEQPGTEASTQPIAGT
 QTVPQADEAAQTDNQLHPSDPTEKQPKRLHVSNIFFRFRDPLRQMFQFGKILDVEIIFNERGSKGF
 GFVTFETSSDADRAREKLNGTIVEGRKIEVNNATARVMTNKKPGNPYANGWKLNPVVGTVYGPEFYAVTS
 FPYPTTGTAVAYRGAHLRGRGRAVYNTFRAAPPPPIPTYGAALQTLVKMPVPWAGLAPCPLPPQQTPE
 PAYPTSPAFPPLSCPFAASRVVYQDGFYGAIEYGGYAAARYAQPAAATAAAYSDSYGRVYAAADPYHHTIG
 PTATYSIGTM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

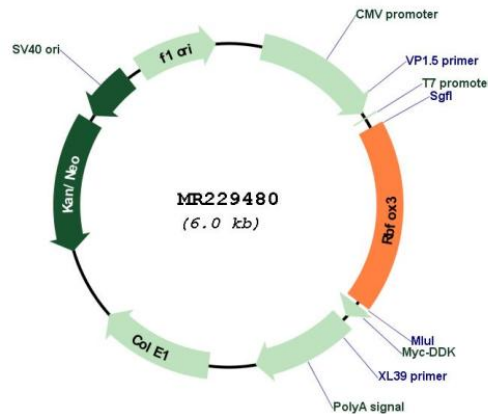
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001285436

ORF Size:	1080 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_001285436.1 , NP_001272365.1
RefSeq Size:	3108 bp
RefSeq ORF:	1083 bp
Locus ID:	52897
UniProt ID:	Q8BIF2
Cytogenetics:	11 83.22 cM
MW:	39.5 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]