

Product datasheet for **MG204774**

Rbmx2 (BC026976) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rbmx2 (BC026976) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Rbmx2
Synonyms: 2700089A17Rik; 2810411A03Rik; CGI-79
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG204774 representing BC026976
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACCCTCTGACTAAGGTGAAGCTGATCAATGAACTGAATGAGCGAGAGGTTCAACTGGAGTGGCGG
AAAAGGTGCTTGGCACTCGGAATACAAGCACAGCGCCTGGATCTTTGTTGGAGGGCTTCCTTATGAATT
GACAGAAGGCGACATCATCTGTGTGTTCTACAATATGGGGAGATTGTCAACATTAATCTGTGAGAGAC
AAGAAGACTGGGAAATCCAAAGGATTCTGTTTCTGTGCTATGAAGACCAGAGGAGCACAGTTCTGGCTG
TTGACAATTTCAATGGAATTAAGATTAAGGAAGAAGTATCCGTGTGGACCATGTGTCAAACCTACGGGC
TCCTCAGGAATCAGAAGATGTGGATGATGTGACTAGAGAGCTCCAAGAGAAGGGCTGTGGGGTTAAACA
CCCCATCAAGTCTCTGAAGTCTCTGAAGATGAAGATGCCAAGCTCACAAAAAGCACAAAAAGACA
AAAAAGAGAAAAAGAAAGGAAGAAAGAGAAGACGGAAGGGCAGGCCAGGAGAGCAGCCGCTCCTGCTC
CAGAAGCGCGACAGTGAAGGAGAAGAAGGATGAGCGCGCTTCCAGGAAGCACAGTAGCAAGACTCCGAG
AGAGCACAGAAGTCAGAACACAGAGAGCAAGAAGAGTCACTCGGGCTCCCCTGATGGCAGGAGTTCCT
ACCATGCTAGGGCAGAGGACCCTGAGTGAAGGCAAGGAAAGAGAAACCAAGCATGAGCACAAGTCCGC
CAGCAGGAGGGAGGCCGAGGAGAAGAGCAGAGAGAGGGAGAGAGGGAGGAGGAGCTCGGGACTCATTCCGGC
AGGCACAGGGGCATTCTGATGGCGGAGCCATAGAAGTAGAAGTAGGAGTAGGAGTCCAGATAAGTCCC
ATAGGCACAAAAAGTACAGGCACTCTCGGGAGCGGGACTCCTACCATGGCAGTGACCGGAGACATCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204774 representing BC026976
 Red=Cloning site Green=Tags(s)

MNPLTKVKLINELNEREVQLGVAEKVSWHSEYKHSAWIFVGLPYELTEGDIICVFSQYGEIVNINLVRD
 KKTGKSKGFCLCYEDQRSTVLAVDNFNGIKIKGRTIRVDHVSNYRAPQESEDVDDVTRELQEKGGVKY
 PPSSPEVSEDEDAKLTKKHKDKKKEKKRKKKEKTEGQAQAEQPCSRSATVKEKKDERASRKHSSKTSE
 RAQKSEHRESKSHSGSPDGRSSYHARAEDPECKARKEKPKHEHKSASRREAEEKSRERERGRSSGTHSG
 RHRGHSDGRSHRSRSPDKSHRHKKYRHSRERDSYHGSDRRHH

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC026976

ORF Size: 980 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:

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: [BC026976](#), [AAH26976](#)

RefSeq Size: 1718 bp

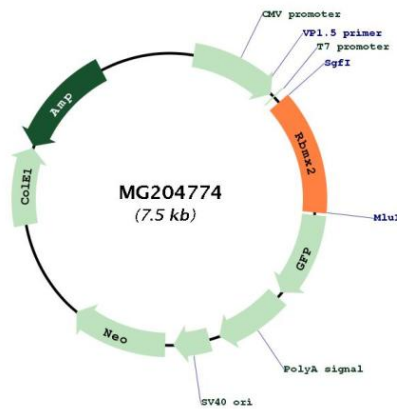
RefSeq ORF: 980 bp

Locus ID: 209003

Cytogenetics: X A5

Gene Summary: Involved in pre-mRNA splicing as component of the activated spliceosome.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG204774