

Product datasheet for **RG207513**

RBMX2 (NM_016024) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBMX2 (NM_016024) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	RBMX2
Synonyms:	CGI-79; Snu17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG207513 representing NM_016024 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACCCTTTAACTAAGGTGAAGCTGATCAACGAGCTGAATGAACGAGAGGTCCAGCTTGGGGTGGCCG
ATAAGGTGTCCTGGCACTCCGAGTACAAGGACAGCGCCTGGATCTTCTGGGAGGGCTTCTTATGAACT
GACTGAAGGGGACATCATCTGTGTGTTCTACAATATGGGGAGATTGTTAACATTAATCTCGTGGGGAC
AAGAAAAGTGGGAAATCCAAAGGATTCTGTTTCTCTGCTATGAAGACCAGAGGAGCACAATTCTGGCCG
TCGACAATTTTAAATGGGATCAAGATCAAAGGAAGAACTATCCGAGTGGATCATGTGTCTAACTATCGGGC
TCCTAAGGACTCAGAAGAAATAGATGATGTGACCAGACAACCTCCAGGAGAAGGGCTGTGGGGCTCGTACC
CCCTCACCAAGTTTGTCTGAGAGCTCTGAAGATGAAAAACCAACAAAAAGCACAAAAAGACAAAAAGG
AAAAAAGAAAAAAGAAAAAAGAAAAAGAAAGCCGACCGGGAGGTACAGGCAGAGCAACCATCCTCTTC
GTCACCCAGACGCAAGACAGTAAAGGAAAAGGATGACTGGCCCTAAGAAGCACAGCAGCAAGAAGTCA
GAGAGAGCTCAGAAGTCAGAGCCAGGGAGGGGCAGAAGCTCCCAATCCAGGACGGCTACTCTGGTG
GAGCAGAGGACCTAGAGAGGGAGCTGAAGAAGGAGAAACCAAGCAGCAGCACAAGTCTCAAGCAGGAG
GGAGGCAAGAGAAGAAAAGACCAGGATTAGGGACAGAGGGCGGAGCTCAGATGCACATTCTAGCTGGTAT
AATGGGCGTTCTGAAGGGCGTAGTTATAGAAGTAGAAGTAGGAGCCGAGATAAATCCCATAGGCATAAAA
GGGCCCGACGCTCCCGGAGCGGGAGTCTCGAATCCAGTACCGTTGGCGTCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG207513 representing NM_016024
Red=Cloning site Green=Tags(s)

MNPLTKVKLINELNEREVQLGVADKVSWHSEYKDSAWIFLGGLPYELTEGDIICVFSQYGEIVNINLVRD
 KKTGKSKGFCLCYEDQRSTILAVDNFNGIKIKGRTIRVDHVSNYRAPKDSEEIDDVTRQLQEKGGART
 PSPSLSESEDEKPTKKHKKDKKEKKKKKEKADREVQAEQPSSSSPRRKTVKEKDDTGPKKHSKNS
 ERAQKSEPREGQKLPKSRTAYSGBAEDLERELKKEPKHEHKSSSRREAREEKTRIRDRGRSSDAHSSWY
 NGRSEGRSYRSRSRDKSHRHKRARRSRERESSNP SDRWRH

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_016024

ORF Size: 966 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: [NM_016024.4](#)

RefSeq Size: 1528 bp

RefSeq ORF: 969 bp

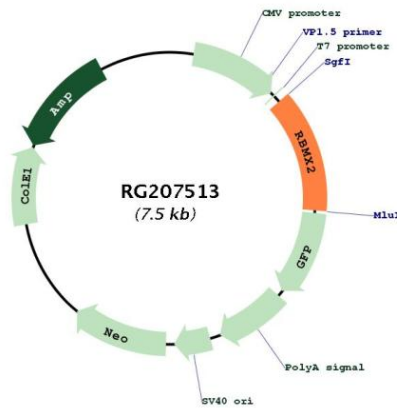
Locus ID: 51634

UniProt ID: [Q9Y388](#)

Cytogenetics: Xq26.1

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

Product images:



Circular map for RG207513