

Product datasheet for **RR203782**

Rbm38 (NM_001108965) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rbm38 (NM_001108965) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rbm38
Synonyms: Rnpc1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR203782 representing NM_001108965
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCAGATCGGGCAGCAGCTGATAGGGCTTGCAAGACCCTAACCTATCATCGATGGCCGAAGGCCA
ACGTGAACCTGGCTACCTGGTGCCAAGCCTAGGAGCCTGCAGACGGGCTTTGCCGTTGGTGTGCAGCA
ACTACACCCACCTTGATCCAGCGCACCTACGGGCTGACTCCCCACTACATCTACCCACCAGCCATTGTA
CAGCCCAGCGTGGTATCCCTGCCACCCCTGTCCCGTCACTGTCCCTCGCCCTACCTTGAGTATACACCAG
CCAGCCCAGCCTACGCTCAGTACCCTCCAGCCACTTACGACCAGTACCCATACGCCGCCTCGCCTGCCAC
GGCCACCAGCTTCGTGGGCTATGGCTACCCTGCCGCCATCCCCAGCCTTGTCTGCCACGGCACCTGCA
GGCACCACCTTCGTGCAGTACCAGGCACCTCAGCTACAGCCTGACAGGATGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR203782 representing NM_001108965
Red=Cloning site Green=Tags(s)

MADRAAADRACKDPNPIIDGRKANVNLAYLGAKPRSLQTGFVGVQQLHPTLIQRTYGLTPHYIYPPAIV
QPSVVIPATPVPSLSSPYLEYTPASPAYAQYPPATYDQYPYAASPATATSFVGYGYPAIIPALSATAPA
GTTTFVQYQAPQLQPDMMQ

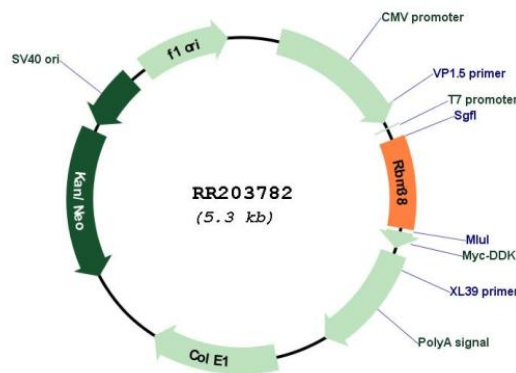
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_001108965

ORF Size: 474 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:	<u>NM_001108965.1, NP_001102435.1</u>
RefSeq Size:	2295 bp
RefSeq ORF:	477 bp
Locus ID:	366262
Cytogenetics:	3q42
MW:	16.9 kDa