

Product datasheet for **RC238504**

RBM46 (NM_001277171) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBM46 (NM_001277171) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RBM46
Synonyms:	CT68
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RC238504 representing NM_001277171
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAATGAAGAAAATATAGATGGAACAAATGGATGCAGTAAAGTTCGAACTGGTATTCAGAATGAAGCAG
 CATTACTTGCTTTGATGGAAAAGACTGGTTACAACATGGTTACAGGAAAATGGACAAAGGAAATTTGGCGG
 TCCTCCTCCAGGTTGGGAAGGTCCACCTCCACCTAGAGGCTGTGAAGTTTTGTAGGAAAAATACCTCGT
 GATATGTATGAAGATGAGTTAGTTCCTGTATTTGAAAGAGCTGGGAAGATATATGAATTCGACTTATGA
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 CATCAGAATTCCTAATAATTATGAAATTCGACCAGGGAAGTTTATTGGTGTGTGTGAAGCTGGATAAT
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 TTACAGAAGGAGTTGTAGATGTCATTGTTTATCCAAGTCAACTGATAAGACAAAAATCGTGGTTTTGC
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 CTATGGGGCCACACCATTCAGGTAGATTGGGCTGACCCAGAGAAAAGAGGTGGATGAGGAAACCATGCAGA
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 GGACAGGGAACACAATCTCTTCAGCCTGGACCTGTGTAGAAGAATTTGGAGAAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238504 representing NM_001277171
 Red=Cloning site Green=Tags(s)

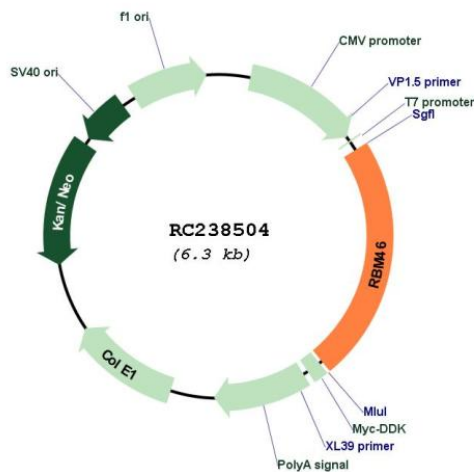
MNEENIDGTNGCSKVRTGIQNEAALLALMEKTGYNMVQENGQRKFGPPPGWEGPPPPRGEVFGKIPR
 DMYEDELVPVFERAGKIYEFRLMMEFSGENRGYAFVMTTKEEAQLAIRILNNEYIRPGKFIGVCVSLDN
 CRLFIGAIPKEKKKEEILDEMCKVTEGVVDVIVYPSATDKTKNRGFAFVEYESHRAAMARRKLIPTGFQ
 LWGHTIQVDWADPEKEVDEETMQRVKVLYVRNLMISTTEETIKAEFNKFKPGAVERVKLRDYAFVHFFN
 REDAVAAMSVMNGKCIDGASIEVTLAKPVNKENTWRQHLNGQISPNSENLIVFANKEESHPKTLGKLP
 PARLNGQHSPSPPEVERCTYPFYPGKLTPI SMYSLKSNHFN SAVMHLDYCNKNWAPPEYYLYSTTSQ
 DGKVLVYKIVIPAIANGSQSYFMPDKLCTTLEDAKELAAQFTLLHLDRHNLFLSDDLRRRIWRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Plasmid Map:

ACCN:

NM_001277171

ORF Size:

1455 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_001277171.2](#)

RefSeq Size: 3699 bp

RefSeq ORF: 1458 bp

Locus ID: 166863

UniProt ID: [Q8TBY0](#)

Cytogenetics: 4q32.1

MW: 55.7 kDa