

Product datasheet for **RC238415**

RBM46 (NM_001277173) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBM46 (NM_001277173) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RBM46
Synonyms:	CT68
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC238415 representing NM_001277173
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAATGAAGAAATATAGATGGAACAAATGGATGCAGTAAAGTTCGAACTGGTATTCAGAATGAAGCAG
 CATTACTTGCTTTGATGGAAAAGACTGGTTACAACATGGTTCAGGAAAATGGACAAAGGAAATTTGGCGG
 TCCTCCTCCAGGTTGGGAAGGTCCACCTCCACCTAGAGGCTGTGAAGTTTTGTAGGAAAAATACCTCGT
 GATATGTATGAAGATGAGTTAGTTCCTGTATTTGAAAGAGCTGGGAAGATATATGAATTCGACTTATGA
 TGGAAATTTAGTGGTGAAGATCGAGGTTATGCTTTTGTGATGTACACTACAAAAGAAGAAGCCCAATTAGC
 CATCAGAATTCCTAATAATTATGAAATTCGACCAGGGAAGTTTATTGGTGTGTGTGAAGCTGGATAAT
 TGTAGATTATTTATTGGAGCTATCCCAAGGAAAAGAAGAAGAAGAAATTTAGATGAAATGAAGAAAG
 TTACAGAAGGAGTTGTAGATGTCATTGTTATCCAAGTGCAACTGATAAGACCAAAAATCGTGGTTTTGC
 ATTTGTGGAATATGAATCTCACAGAGCTGCTGCTATGGCAAGGAGGAACTAATTCAGGAACATTCCAA
 CTATGGGGCCACACCATTCAGGTAGATTGGGCTGACCCAGAGAAAAGAGGTGGATGAGGAAACCATGCAGA
 GAGTTAAAGTTCTTTATGTAAGAAATTTAATGATCTCACTACAGAGGAAACAATTAAGCAGAATTCAA
 TAAATTTAAGCCTGGTGCAGTTGAACGGGTAAAGAACTTAGAGATTATGCTTTTGTTCACCTTTTCAAC
 CGAGAAGATGCAGTGGCTGCCATGTCTGTTATGAATGGAAAATGCATTGATGGAGCAAGTATTGAGGTAA
 CACTAGCTAAACCAAGTAAATAAGAAAAACACTTGGAGACAGCATCTTAATGGTCAGATTAGTCCAAATTC
 TGAAAATCTGATTGTGTTTGCTAACAAAGAAGAGGCCACCCAAAACTTAGGCAAGCTGCCAACTCTT
 CCTGCTCGTCTCAATGGTCAGCATAGCCCAAGTCCGCCTGAAGTTGAAAGATGCACTTACCCTTTTTATC
 CTGGAACAAAGCTTACTCCAATTAGTATGTATTCTTTAAATCCAATCATTTAATTCTGCAGTAATGCA
 TTTGGATTATTACTGCAACAAAAATACTGGGCACCAACAGAAATATTATTATATTCAACAACAAGTCAA
 GATGGGAAAGTACTCTTGGTGTATAAGATGTTATTCCTGCTATTGCAAATGGATCCCAGAGTTACTTCA
 TGCCAGACAACTCTGTACTACGTTAGAAGATGCAAAGGAAGTGGCAGCCAGTTTACATTACTTCATT
 GGGTCCTTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238415 representing NM_001277173
 Red=Cloning site Green=Tags(s)

MNEENIDGTNGCSKVRTGIQNEAALLALMEKTYNMQENGQRKFGGPPPGWEGPPPPRGCEVFVGKIPR
 DMYEDELVPVFERAGKIYEFRLMMEFSGENRGYAFVMTTKEEAQLAIRILNNYEIRPGKFIGVCVSLDN
 CRLFIGAIPKEKKKEEILDEMKKVTEGVVDVIVYPSATDKTKNRGFAFVEYESHRAAAMARRKLIPTGFQ
 LWGHTIQVDWADPEKEVDEETMQRVKVLVYRNLMTTEETIKAEFNKFKPGAVERVKKLRDYAFVHFFN
 REDAVAAMSVMNGKIDGASIEVTLAKPVNKENTWRQHLNGQISPNSENLIVFANKEESHPKTLGKLPTL
 PARLNGQHSPSPPEVERCTYPFYPGKLTPISMYSLKSNHFN SAVMHLDYCNKNWAPPEYYLYSTTSQ
 DGKVLVLYKIVIPAIANGSQSYFMPDKLCTTLEDAKELAAQFTLLHLGPF

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001277173

ORF Size: 1410 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001277173.1](#), [NP_001264102.1](#)

RefSeq Size: 3642 bp

RefSeq ORF: 1413 bp

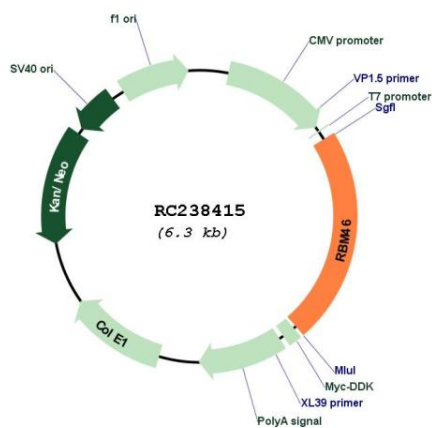
Locus ID: 166863

UniProt ID: Q8TBY0

Cytogenetics: 4q32.1

MW: 53.7 kDa

Product images:



Circular map for RC238415