

## Product datasheet for **RG238415**

### **RBM46 (NM\_001277173) Human Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RBM46 (NM_001277173) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	RBM46
Synonyms:	CT68
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG238415 representing NM_001277173. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAATGAAGAAAATATAGATGGAACAAATGGATGCAGTAAAGTTCGAACTGGTATTCAGAATGAAGCA
GCATTACTTGGCTTGTGATGAAAAGACTGGTTACAACATGGTTCAGGAAAATGGACAAAGGAAATTTGGC
GGTCTCTCCAGGTTGGGAAGTCCACCTCCACCTAGAGGCTGTGAAGTTTTTGTAGGAAAAATACCT
CGTGATATGTATGAAGATGAGTTAGTTCCTGTATTTGAAAGAGCTGGGAAGATATATGAATTTGCACTT
ATGATGGAATTTAGTGGTAAAAATCGAGGTTATGCTTTTGTGATGTACACTACAAAAGAAGAAGCCCAA
TTAGCCATCAGAATTCCTAATAATTATGAAATTCGACCAGGGAAGTTTATTGGTGTGTGTGAAGCCTG
GATAATTGTAGATTATTTATTGGAGCTATCCCAAGGAAAAGAAGAAAGAAATTTAGATGAAATG
AAGAAAGTTACAGAAGGAGTTGTAGATGTCATTGTTTATCCAAGTGCAACTGATAAGACCAAAAATCGT
GGTTTTGCATTTGTGGAATATGAATCTCACAGAGCTGCTGCTATGGCAAGGAGGAAAATAATCCAGGA
ACATTCAACTATGGGGCCACACCATTACAGGTAGATTGGGCTGACCCAGAGAAAGAGGTGGATGAGGAA
ACCATGCAGAGAGTTAAAGTCTTTATGTAAGAAATTTAATGATCTCACTACAGAGGAAACAATTTAAA
GCAGAATTCATAAAATTAAGCCTGGTGCAGTTGAACGGGTAAGAAACTTAGAGATTATGCTTTTGT
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ATTAGTCCAAATTCGAAAATCTGATTGTGTTTGCTAACAAAGAAGAGAGCCACCCAAAATCTAGGC
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AATTCTGCAGTAATGCATTTGGATTATTACTGCAACAAAATAACTGGGCACCACCAGAATATTATTTA
TATTCAACAACAAGTCAAGATGGGAAAGTACTCTTGGTGATAAGATAGTTATTCCTGCTATTGCAAT
GGATCCCAGAGTTACTTCATGCCAGACAACTCTGTACTACGTTAGAAGATGCAAAGGAAGTGGCAGCC
CAGTTTACATTACTTCATTTGGGTCCTTC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



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**Protein Sequence:** >Peptide sequence encoded by RG238415  
 Blue=ORF Red=Cloning site Green=Tag(s)

MNEENIDGTNGCSKVRTGIQNEAALLALMEKTGYNMVQENGQRKFGGPPPGWEGPPPPRGCEVFVGKIP  
 RDMYEDELVPVFERAGKIYEFRLMMEFSGENRGYAFVMTTKEEAQLAIRILNNEYIRPGKFIGVCVSL  
 DNCRLFIGAIPKEKKKEEILDEMKKVTEGVVDVIYVPSATDKTKNRGFAFVEYESHRAAAMARRKLI  
 PGTFQLWGHTIQVDWADPEKEVDEETMQRVKVLYVRNLMISTTEETIKAEFNKFPGAVERVKKLRDYAFV  
 HFFNREDAVAAMSYMNGKCIDGASIEVTLAKPVNKENTWRQHLNGQISPNSENLIIVFANKEESHKPTLG  
 KLPTLPARLNGQHSPSPPEVERCTYPFYPGTKLTPISMYSLKSNHFNSAVMHLDYCNKNWAPPEYYL  
 YSTTSQDGKVLVYKIVIPAIANGSQSYFMPDKLCTTLEDAKELAAQFTLLHLGPF  
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV  
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED  
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-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](#)

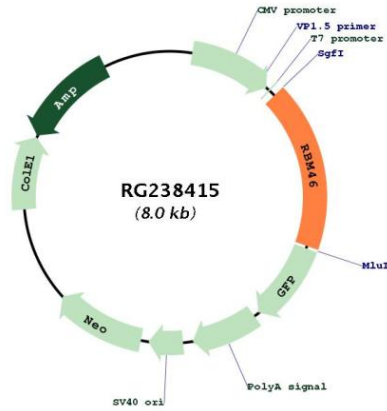
**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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).

**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 RG238415