

Product datasheet for **RG205930**

RBM34 (NM_015014) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RBM34 (NM_015014) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: RBM34
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG205930 representing NM_015014
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCAAACGGAAGAGAAAGAGAAGTGTCCAGGAGGGAGAGAATCCTGACGACGGCGTTTCGCGGGAGTC
CGCCGGAAGACTACAGGCTTGGACAGGTCGCCAGTAGCTTATTTTCGCGCGAACACCATTCCAGAGGTGG
CACCGGTGGCTGGCGTCCCTCTTCAGTTCTCTGGAGCCCCAGATTCAACCCGTGTACGTGCCTGTGCCT
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CGCAAGAACCTGCCAAAAAGTGAAGCGAAGAAGAAACACACTAACGCAGAAAAAAGTTGGCAGACAG
GGAAAGCGCTCTAGCGAGTGTGATTTAGAAGAAGAAATTCACCAGAAACAAGGGCAGAAAAAGAAAAAT
TCTCAACCTGGTGTAAAGTAGCAGATAGAAAAATACTTGATGACACAGAAGACACAGTTGTCAGTCAAA
GAAAGAAATTCAAATCAACCAAGAAGAAGAGAGATTAAGAATGAGAGAACTGTGTTTGTGGGAATTT
GCCTGTTACATGTAATAAGAAGAAGCTGAAGTCGTTTTTAAAGAGTATGGACAAATAGAATCTGTACGA
TTTCGTTCTCTGATTCCAGCAGAGGGAACGCTATCCAAAAAGTTGGCAGCAATAAACGTAATAATCATC
CTGATCAGAAAAATTAATGCCTATGTTGTGTTAAGGAGGAGAGTGTGCCACGCAAGCATTGAAAAG
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AAGAGATCGGTTTTTGTGGGAATCTCCCTTATAAAGTTGAAGAATCTGCCATTGAGAAGCACTTTCTGG
ACTGTGGAAGTATCATGGCCGTGAGGATTGTGAGAGACAAAATGACAGGCATCGGCAAAGGGTTTGGCTA
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AAACTCAGAGTATGCGTTCTGTTAATAAAGAAAAATTTAAACAACAAAATTCAAATCCACGATTGAAGA
ATGTCAGTAAACCTAAGCAGGGACTTAATTTACTTCCAAAACCTGCAGAAGGACATCCTAAAAGCTTATT
TATTGGAGAAAAAGCTGTTCTCCTTAAACGAAGAAGAAAGGACAGAAGAAAAAGTGGACGCCCTAAGAAA
CAGAGAAAACAGAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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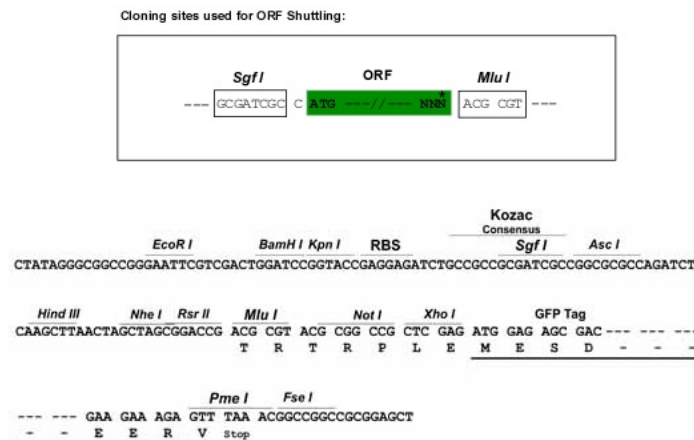
Protein Sequence: >RG205930 representing NM_015014
 Red=Cloning site Green=Tags(s)

MSKRKRKRSVQEGENPDDGVRGSPPEYRLGQVASSLFRGEHHSRGGTGRLASLFFSSLEPQIQPVVYPVP
 KQTIKTKRNEEEESTSQIERPLSQEPAKKVKAKKKHTNAEKKLADRESALASADLEEEIHQKQGQKRKN
 SQPGVKVADRKILDDETDVVVSQRKKIQINQEEERLKNERTVFGNLPVTCNKKLKSFFKEYGQIESVR
 FRSLIPAEGTLSKKLAAIKRKIHPDQKNINAYVVFKEESAATQALKRNGAQIADGFRIRVDLASETSSRD
 KRVSFVGNLPYKVEESAIEKHFLDCGSIMAVRIVRDKMTGIGKGFYVLFENTDSVHLALKLNNSLMGR
 KLRVMRSVNEKEFKQNSNPRLKNVSKPKQGLNFTSKTAEGHPKSLFIGEKA VLLKTKKKGQKKSGRPKK
 QRKQK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_015014

ORF Size: 1275 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_015014.1](#), [NP_055829.1](#)

RefSeq Size: 1431 bp

RefSeq ORF: 1293 bp

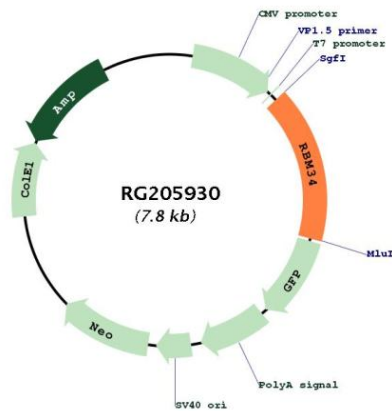
Locus ID: 23029

UniProt ID: [P42696](#)

Cytogenetics: 1q42.3

Gene Summary: This gene encodes a member of the RNA-binding motif family of RNA recognition motif proteins. The encoded protein contains an RNA-binding domain made up of two RNA recognition motif subdomains referred to as RNA recognition motif-1 and RNA recognition motif-2. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2016]

Product images:



Circular map for RG205930