

Product datasheet for **MG218882**

Rbm34 (NM_172762) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbm34 (NM_172762) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Rbm34
Synonyms:	4930547K05Rik; 6330444B11; D8Ertd233e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG218882 representing NM_172762 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTCTGGGAGGGGAGGAACGCAAGAGAAGGAAGGGCTCGGAGCGGAGACAGAGCTCTGGAGACGGCG
TGAGCTGTGCGGCCAGCGACTACCTGGTGGGACAGGTCGCCGACAGCTTGCGGGGCGCCCGCGCTCC
TGGAGGCGGGACGGGGCGGCTGGCCGCTCTTTCAGCACCGGGGCCATCGGCTCCTCTGTATTTGTG
CCTGTGCCCCAGGAAACATCTAAAAAAGAAAACCTTGATGATGATGATGATGATGAAGAAGAGAGTGTGT
CCCAAACATAAAAGCCAGTTTTGCAAGAGCCTTCGAGAAAAGTGAAGTGAAGAACTCTCTGATGCAGA
CAAAGACTGGCAAACAGGGAAAGTGCTCTAGCAAGTGCTGATCTAGAAGAAGAGCTTCATCAGGACCAA
GGGCAGGGAAGAAGGAGAAGGTCTCAGTCTCGGGTAAAGTGGCAGATGGAGAAGCACTGGACGTTGCC
TCAGCCTTGCTAAGGATGGGGCCAAAGAACAATAATCCAGTCAACCCGAAGAGGAGCGGTTAAAAA
CGAGAGGACTGTGTTTGGCAATTTGCCTGTACATGTAATAAAAAGAAGCTGAAGTCATTTTTTAA
GAGTATGGACAAGTAGAATCCGTACGATTTCTGTGTGATGCCAGCAGAGGGGACACTAACCAAGAAGT
TGGCTGCAATAAACGTAATTTTCATCTGACCAGAAAAGCATCAATGCATATGTAGTGTCAAGGATGA
GAGCGCCGCTGCAAAAGCTCTGCAAAGAAATGGGGCCAGATTGCAGAAGGATTTTCGATTCGAGTTGAT
CTGGCATCTGAAACGGCCTTAGGGACAAGAGATCAGTATTTGTGGGGAATCTTCTTACAAAATGAAG
ACTCTGCTTTGGAGGAACACTTTCTGGACTGTGGAAGCATCGTGGCAGTGAGGATCGTGAGAAACCACT
TACAGGAGTCGGCAGAGGATTTGGCTATGTGCTCTTTGAGAACACAGATGCTGTTTCATCTTGCTTTGAAG
TAAATAATTCTGAGCTAATGGGAAGAAAACAGAGTCAATGCGTTCTGTTAATAAAGAAAAACTAAAA
AACAGAATTCAAATCCAAGCTTGAAGAAGGATGTCATTAACCTAAGCAAAGACTTAATTTTACTTCCAA
AGAAGGAAAATTCATTCCAAAGAAGGAAAATTCATTCCAAGAATGCATTTATTGGAGAAAAGGCAGTT
CTCATGAAAAAGAAAAGAAAGGACAAAAGAAAAAGTACAAATGAAGAAACCAAGAAAACAGCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG218882 representing NM_172762
 Red=Cloning site Green=Tags(s)

MALGGEERKRRKGSERRQSSGDGVSCAASDYL VGQVADSLRGGPRPPGGGTGRLAALFSTAEPSAPPV FV
 PVPQETSKKRKLD DDDDDDEEESVSQTKKPVLQEPSRKVKVKKLSADKRLANRESALASADLEELHQDQ
 GQGRRRRSQSRGKVADGEALDVALSLAKDGGQRTKIPVNP EEEERLKNERTV FVGNLPVTCNKKLKSFFK
 EYGQVESVRF RSVMPAEGTLTKKLA AIKRKFHPDQK SINAYVVFKDESAAAKALQRNGAQIAEGFRIRVD
 LASETASRDKRSV FVGNLPYKIEDSALEEHFLDCGSIVAVRIVRNPLTGVRGFGYVLFENTDAVHLALK
 LNNS ELMGRKLRVMSV NKEK LKQQNSNP SLKKDVIKPKQRLNFTSKEGKFHSKEGKFHSKNAFIGEKAV
 LMKKKKKGQKKK VQMKKPRKQQ

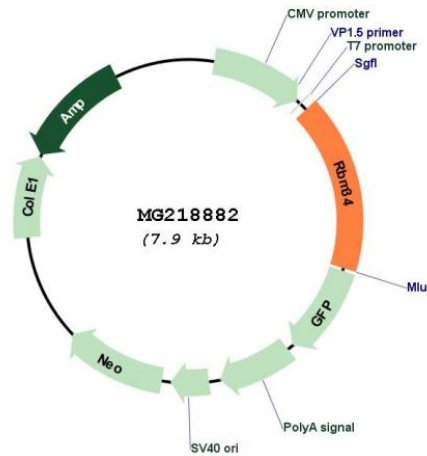
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_172762

ORF Size:	1326 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:	NM_172762.3
RefSeq Size:	3445 bp
RefSeq ORF:	1329 bp
Locus ID:	52202
UniProt ID:	Q8C5L7
Cytogenetics:	8 74.64 cM