

Product datasheet for **MR218882**

Rbm34 (NM_172762) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbm34 (NM_172762) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rbm34
Synonyms:	4930547K05Rik; 6330444B11; D8Ertd233e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR218882 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTCTGGGAGGGGAGGAACGCAAGAGAAGGAAGGGCTCGGAGCGGAGACAGAGCTCTGGAGACGGCG
 TGAGCTGTGCGGCCAGCGACTACCTGGTGGGACAGGTCGCCGACAGCTTGCGGGGCGGCCCGGCCTCC
 TGGAGGCGGGACGGGGCGCTGGCCGCTCTCTTACGACCCGGAGCCATCGGCTCCTCCTGTATTTGTG
 CCTGTGCCCCAGGAAACATCTAAAAAAGAAAAGTTGATGATGATGATGATGATGAAGAAGAGAGTGTGT
 CCCAAACTAAAAAGCCAGTTTTGCAAGAGCCTTCGAGAAAAGTGAAGTGAAGAACTCTCTGATGCAGA
 CAAAAGACTGGCAACAGGGAAAGTGCTCTAGCAAGTGTGATCTAGAAGAAGAGCTTCATCAGGACCAA
 GGGCAGGGAAGAAGGAGAAGGTCTCAGTCTCGGGTAAAGTGGCAGATGGAGAAGCACTGGACGTTGCC
 TCAGCCTTGCTAAGGATGGGGCCAAAGAACAAAAATCCAGTCAACCCGAAGAGGAGCGGTTAAAAA
 CGAGAGGACTGTGTTTGGCAATTTGCCTGTACATGTAATAAAAAGAAGCTGAAGTCATTTTTTAAA
 GAGTATGGACAAGTAGAATCCGTACGATTTCTGTTCTGTGATGCCAGCAGAGGGGACACTAACCAAGAAGT
 TGGCTGCAATAAAACGTAATTTTCATCCTGACCAGAAAAGCATCAATGCATATGTAGTGTCAAGGATGA
 GAGCGCCGCTGCAAAAGCTCTGCAAAAGAAATGGGGCCAGATTGCAGAAGGATTTTCGATTCGAGTTGAT
 CTGGCATCTGAAACGGCCTCTAGGGACAAGAGATCAGTATTTGTGGGAAATCTTCCTTACAAAATGAAG
 ACTCTGCTTTGGAGGAACACTTTCTGGACTGTGGAAGCATCGTGGCAGTGAGGATCGTGAGAAACCCACT
 TACAGGAGTCGGCAGAGGATTTGGCTATGTGCTCTTTGAGAACACAGATGCTGTTTCATCTTGCTTTGAAG
 TTAATAATTCTGAGCTAATGGGAAGAAAAGTGAAGTGCATGCGTTCTGTTAATAAAGAAAAACTAAAA
 AACAGAATTCAAATCCAAGCTTGAAGAAGGATGTCATTAACCTAAGCAAAGACTTAATTTTACTTCCAA
 AGAAGGAAAAATTCATTCCAAGAAAGGAAAATTCATTCCAAGAATGCATTTATTGGAGAAAAGGCAGTT
 CTCATGAAAAAGAAAAAGAAAGGACAAAAGAAAAAAGTCAAATGAAGAAACCAAGAAAACAGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR218882 protein sequence
 Red=Cloning site Green=Tags(s)

MALGGEERKRRKGSERRQSSGDGVSCAASDYL VGQVADSLRGGPRPPGGGTGRLAALFSTAEPSPAPPV
 PVPQETS KKRKLD DDDDEEESVSQTKKPV LQEPSRKVKVKKLSDADKRLANRESALASADLEELHQDQ
 GQGRRRRSQSRGKVADGEALDVALSLAKDGGQRTKIPVNPEEERLKNERTV FVGNLPVTCNKKKLSFFK
 EYGQVESVRF RSVMPAEGTLTKKLAAIKRKFHPDQKSINAYVVFKDESAAAKALQRNGAQIAEGFRIRVD
 LASETASRDKRSV FVGNLPYKIEDSALEEHFLDCGSIVAVRIVRNPLTG VGRGFYVLFENTDAVHLALK
 LNNSLMGRKLRVMRSVNKEK LKQQNSNP SLKKDVIKPKQRLNFTSKEGKFHSKEGKFHSKNAF IGEKAV
 LMKKKKKGQKKKVQMKKPRKQQ

TRTRPLE**QKLISEEDLAANDILDYKDDDDKV**

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_172762

ORF Size: 1329 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_172762.3](#)

RefSeq Size: 3445 bp

RefSeq ORF: 1329 bp

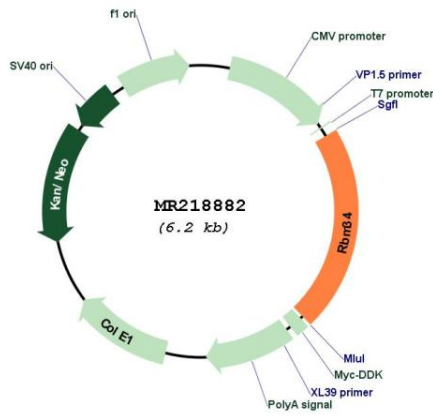
Locus ID: 52202

UniProt ID: [Q8C5L7](#)

Cytogenetics: 8 74.64 cM

MW: 49.1 kDa

Product images:



Circular map for MR218882