

Product datasheet for **MC206563**

Rdbp (BC034867) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rdbp (BC034867) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rdbp
Synonyms:	RD, NELF-E
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC034867
 CGGGCCCGGGCGCCGCCCTCAGGAGCCAACATGTTGGTGATACCTCCGGGGCTGAGTGAAGGAAGA
 GGCACCTGCAGAAGAAGTTCAACAACTCAAGAAGAAGAAAAGGCATTGCTGGCTCTGAAGAAGCAGAGC
 AGCAGCGGCCAGCGAGCCAGGGCGGTGTCAAACGCTCACTGTCAGAGCAGCCTGTGGTGGACACTGCCA
 CAGCAACAGAACAGGCCAAACAAGTGGTGAAGTCAAGGAGCCATCAGTGCCATCAAGGCTGAAACTAAGAA
 CTCAGGCTTCAAACGTTCTCGGACCCTGGAAGGGAAGTTAAAGGACCCAGAGAAGGGCCTGTCCCCACT
 TTCCAGCCGTTCCAGAGGAGCATGTCTGCTGATGAGGACCTACAGGAGCCATCCAGACGTCCCCAGAGGA
 AATCTCTGTATGAAAGCTTTGTGTCTTCTAGTGATCGGCTTCGGGAAGTGGGACAAGATGGAGAAGAAGC
 AGAGGCCCGGGGCTGGTGTGAGCCACCTCGAGGCTTGTACTGGAGCTATGAAGAGCATGGTAGCGCC
 CGCTCCTCAGCCTCCCCCCCCGAAGCCGAGCAGGGACCGAAGTCATGACCGGAGCCGAGATAGGGATC
 GGGACAAAGAGAGAGACAGAGACCGAGATCGAGATCGAGACAGAGACCGGATAAAGACAAGACAGAGA
 CCGGGATCGAGACAGAGACCGGGACCGAGATCGGGAACGAGACCGAGAGGGCCCTTCCCGAGGTCAGAC
 TCATTCGCCGAACGGAGGGCCCCCTCGAAAGGGGAACACACTGTATGTGTATGGAGAGGACATGACGCCCA
 CCCTCCTCCGCGGGGCTTCTCTCCCTTGGAAATATCATCGACCTCTCCATGGACCCACCCAGAAACTG
 TGCCTTCGTACCTACGAGAAGATGGAGTCTGCAGATCAGGCTGTTGCTGAGCTCAATGGGACCCAGGTG
 GAATCTGTGCAGCTTAAAGTCAACATAGCCGAAAACAGCCATGCTGGACGCTGCTACTGGCAAATCTG
 TCTGGGCTCCCTTGCTGTCCAGAACAGCCCTAAGGGTTGCCATCGAGACAAGAGGACCCAGATTGTGTA
 CAGTGACGATCTATAGGAAACCTTGTGGATGGCTTCTAGGACATGAAGCTGGATTCTTTGTCCTCATAT
 GCCCCAAAGCTGGTCTCAGTAAATCCTGGGGTAGAAGCTTTTACCTCCGTCAGCCTCTAGTCTTTTCAG
 CACTTGGGATTGGAGTTAAGCCTTCAAAGCGGCTGTCAAGTGTGATGTTAACCAGTGCACGCCCTTACC
 CCAAAAAGATGTGGAACCAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:	EcoRI-NotI
ACCN:	BC034867
Insert Size:	1104 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>BC034867</u> , <u>AAH34867</u>
RefSeq Size:	1372 bp
RefSeq ORF:	1104 bp
Locus ID:	27632
Cytogenetics:	17 18.4 cM
Gene Summary:	Essential component of the NELF complex, a complex that negatively regulates the elongation of transcription by RNA polymerase II (By similarity). The NELF complex, which acts via an association with the DSIF complex and causes transcriptional pausing, is counteracted by the P-TEFb kinase complex (By similarity). Provides the strongest RNA binding activity of the NELF complex and may initially recruit the NELF complex to RNA (By similarity).[UniProtKB/Swiss-Prot Function]