

Product datasheet for **MR225360**

Rbpjl (NM_009036) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbpjl (NM_009036) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rbpjl
Synonyms:	RBP-L; Rbpsuhl
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR225360 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACCCAGGGAGACAACAGACCCCTCGTTGCCCCCGGCCCTTTGACTCACCTGAGCCTGCCGGACA
 GCTCAGAGGTGCGGCTACAGAGCGACGGGCCAGCCTCCTGGGAGTTGGACCAGGTACCCCCAGAGCA
 TGCCATCATCCTAAGAGAAGGTGTGCGCACATGCCTGCAGCAAAGATGTGAGCAGACTGTGTGGATCCTG
 CATGCCAAGGTGGCTCAGAAATCCTATGGAATGAGAAGCGGTTCTTCTGTCTCCACCTGTGTCTACC
 TCGCGGCTCCTGGCTGGAGGTTGAAGCCAATGCAAGACCAAGCCCTCAAATCTGCGGAGACCGGGCCAT
 CGTCTGCGGTTACATGGGACTGGACGGTGCCTCCGGCAGCGCTCCCGAGACCCAGAAGTTGAACTTTGAA
 GAGCAGCCGACTCCAGGAATTTGGTTGTGCCAAGACCCTGTACATCTCGGACGCCGATAAGAGGAAGC
 ACTTCCGGCTGGTGTGCGACTGGTGTGCGAGGGGCCAGGAGCTGGGCACTTCCACAGTCGCCTCAT
 CAAGGTGATCTCCAAGCCCTCGCAGAAGAAGCAGTCGTAAGAAACACAGACCTATGCATCTCCTCCGGC
 TCAAAGGTCTCCCTTTTCAATCGCCTGCGCTCCAGACAGTGTCCACGCGTTACCTCTGTGGAAGATG
 GGGCCTTTGTGGCCAGCGCAAGGCAGTGGGCTGCCTTACCCTCCACCTGGCTGATGGGCACTGTCCCA
 AGGGGACTTCCCACCCAGGAAGGTTACATCCGCTACGGCTCCCTGGTGCAGTTGTCTGCACTGTACACA
 GGCATTACACTGCCGCTATGATCATCCGAAAAGTGGCCAAGCAGTGTGCCCTCCTTGATGTGGATGAAC
 CCATATCCCAGCTGCACAAGTGTGCCTTCCAGTTTCCAAGTGACACCCAGGAGGGGCTGGCACCTACTT
 ATGCCTTGCTCAGAGAAGGTGGTGGGATTCCAGGCTTCCCTCTGCCCAAGGAGGCCAACAGGGCGCTG
 CTAACGACAGCTCTTGTGGACCATATTGGCAGGAGTCCGTTGGAGTTCACCTCAGCACCAGCCTGG
 CCTGTACTCGGGAGCCCGTCACTCCGGTGCCTCATCAGCACTCTGGAGCTGAGCGGTGGAGGTGATGT
 GGCCACGCTGGAGCTGCACGGAGAAAATTTCCACGCTGGGCTCAAGGTGTGGTTCCGGAGACGTGGAGGCA
 GAAACCATGTACAGGAGCCCTCGTTCTTGGTGTGCGTAGTGCCAGACGTGGCGCCCTTCCGACGCGACT
 GGCGTTGGCTCCGCACCCCATCACCGTCCCGTGGAGTGTGCGCGCGGATGCACTCTTACCCAG
 CCCCTTCTTTTACCTACACCCCGAATACAGCGCGCTGCCACGGCTGCCAACCGCGCAAGAGCCTGCC
 CCCGACGCGGACAGCTCCTGGAGAGCATCCACCAGGTTACACGCACCAACTTCCATCTCTTCTGCC
 CCACC

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR225360 protein sequence
 Red=Cloning site Green=Tags(s)

MDPRETTDPSLPPGPLTHLSLPDSSEVRLQSDGPSLLGSWTRSPPEHAIILREGVRTCLQQRCEQTVWIL
 HAKVAQKSYGNEKRFFCPPPCVYLAPGWVRKPMQDQALQSAETGPIVCGYMGDLGASGSAPETQKLNFE
 EQPDSREFGCAKTLYISDADKRKHFRLLVRLVLRGGQELGTFHSRLIKVISKPSQKKQSLKNTDLCISSG
 SKVSLFNRLRSQTVSTRYL SVEDGAFVASARQWAAFTLHLADGHCSQGDFFPQEGYIRYGLVQLVCTVT
 GITLPPMIIRKVAKQCALLDVEPISQLHKCAFQFSDTPGGAGTYLCLASEKVVRFAQSLCPKEANRAL
 LNDSSCWTIIGTESVEFTFSTSLACTREPVTVPPLISTLEL SGGGDVATLELHGENFHAGLKVWFGDVEA
 ETMYRSPRSLVCVVPDVAAFGSDWRWLRTPITVPVSLLRADALFYSPFSFTYTPESYALPRLPNAQEP
 PDADTLLESIHHEFTRTNFHLFCPT

SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-RsrII

Cloning Scheme:


ACCN: NM_009036

ORF Size: 1548 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_009036.1](#), [NP_033062.1](#)

RefSeq Size: 2456 bp

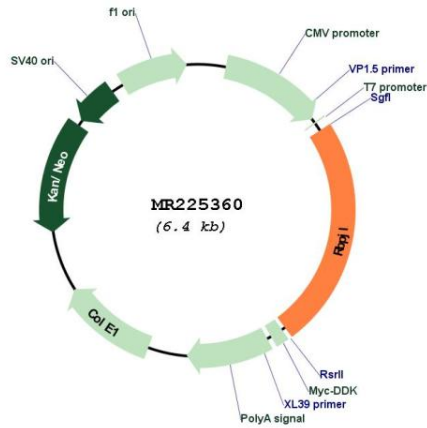
RefSeq ORF: 1548 bp

Locus ID: 19668

UniProt ID: [O08674](#)

Cytogenetics: 2 85.16 cM
MW: 56.8 kDa
Gene Summary: Putative transcription factor, which cooperates with EBNA2 to activate transcription. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR225360