

Product datasheet for **RR207031**

Parvb (NM_001134780) Rat Tagged ORF Clone

Product data:

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|--------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Parvb (NM_001134780) Rat Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Parvb |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| ORF Nucleotide Sequence: | >RR207031 representing NM_001134780 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTCCGCGCTACCACGATCGCCACCCCGGGGCCCAAGATGAAGAAGGACGAGTCTTTCTTGG
GCAAGTTGGCGGCACACTGGCAAGGAAGAAGACCAGGGAGGTGACCGACTTGCAGGAAGAAGGCAA
GAGCGCCATCAATTCTCCAATGGCCCGGCTTTGGTGGACATTCACCCTGAAGACACCCAGCTAGAGGAG
AATGAGGAGCGCACCATGATCGATCCCACCTCTAGAGAAGACCCCAAGTTCAAGGAGTTGGTCAAGGTGC
TTCTGGACTGGATCAACGACGTGCTGGCAGAGGAGCGCATCATTGTGAAGCAGCTGGAGGAGACCTGTA
CGATGGCCAGGTGCTACAGAACTTCTGGAAAAGCTGGCACACTGCAAGCTGAATGTGGCAGAGGTGACG
CAGTCTGAGATCGGGCAGAAGCAGAAGTTGCAGACAGTTCTGGAAGCCGTGCAAGACCTGCTCCGGCCCC
ACGGCTGGCCGCTGCGTTGGAATGTGGACTCTATCCACGGGAAGAACCTGGTGTCCATTCTGCACCTCCT
CGTCTCCCTGGCCATGCACTTCAGGGCCCCATCCACCTTCTGAACACGTCACCGTGCAGGTGGTGGTC
GTCCGGAAGCGGAAGGCTGCTGCACTCCAGCCACATCTCAGAGGAGCTGACCAGACCACAGAGATCA
TGATGGGCCGGTTTGAGCGGGATGCCTTCGACACGCTCTCGACCACGGCCGGACAAGCTCAACCTTGT
GAAGAAGTCTCTCATCAGTTTTGTGAACAAACCTGAACAAGCTAAACTTGGAGGTCACTGACCTGGAG
ACCCAGTTTGAGATGGTGTGACCTGGTTCTACTCCTGGGCCTCCTTGAAGACTACTTTGTCCCTCC
ACAACCTTACCTGACTCCTGACAGCTTGGACCAGAAGGTGCACAACGTGGCCTTTGCCTTTGAAGTGT
GCTGGACGGGGACTCAAGAAGCCCAAGGCACGCCCTGAAGACGTGCTGAACTTGGACCTCAAGTCCACT
CTGCGGGTCTTTACACACTGTTACCAAGTACAAGGACGTGCGAG

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR207031 representing NM_001134780
 Red=Cloning site Green=Tags(s)

MSSALPRSPTPRAPKMKKDESLGKLGGLTARKKKTREVTDLQEEGKSAINSPMAPALVDIHPEDTQLEE
 NEERTMIDPTSREDPKFKELVKVLLDWINDVLAERIIVKQLEEDLYDGGVQLKLLKLAHCKLNVAEVT
 QSEIGQKQKLQTVLEAVQDLLRPHGWPLRWVDSIHGKNLVSILHLLVSLAMHFRAPIHLPEHVTVQVVV
 VRKREGLLHSSHISEELTTTTIEMGRFERDAFDTLFDHAPDKLNLVKKSLITFVNKHLNKLNLVETDLE
 TQFADGVYLVLLGLLEDYFVPLHNFYLPDSDFDQKVHNVAFAFELMLDGGLKKPKARPEDVYVNLDLKST
 LRVLYTLFTKYKDVE

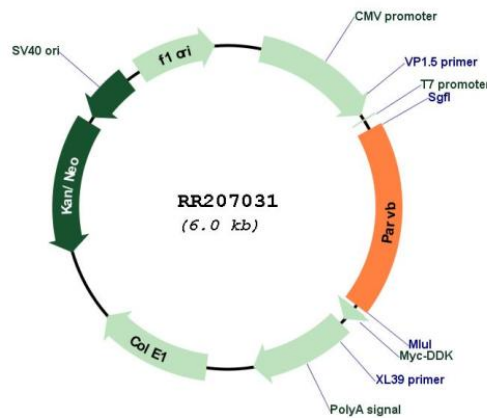
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001134780

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|-------------------------------|---|
| ORF Size: | 1095 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_001134780.1 , NP_001128252.1 |
| RefSeq Size: | 1997 bp |
| RefSeq ORF: | 1098 bp |
| Locus ID: | 362973 |
| Cytogenetics: | 7q34 |
| MW: | 41.7 kDa |