

Product datasheet for **RR210291**

Parva (NM_020656) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Parva (NM_020656) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Parva
Synonyms: Actp
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR210291 representing NM_020656
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCACATCCCACAGAAGTCACCCTCGGTCCCAAATCTCCCACCCCAAGTCGCCTCCGTCCCGCA
AGAAGGATGACTCGTTCTTGGGAAACTTGGAGGGACGCTGGCCCGGAGGAAGAAAGCCAAGGAAGTATC
CGAGTTCCAGGAGGAAGGAATGAACGCCATCAACCTGCCTTTAGCCCCATCTCCTTCGAGCTGGACCCC
GAAGACACCATGCTGGAGGAGAATGAGGTGCGGACAATGGTCGATCCAAACTCACGCAATGACCCCAAGC
TTCAAGAGCTGATGAAGGTGCTCATCGACTGGATCAATGACGTATTGGTGGGAGAAAGAATCATCGTGAA
GGACCTCGCTGAAGATCTCTATGATGGCCAAGTCTGCAGAAGCTCTTCGAGAACTGGAGAGTGAGAAG
CTCAACGTGGCAGAGGTTACCCAGTCCGAGATCGCCAGAAGCAAAGCTACAGACTGTACTGGAGAAGA
TCAACGAGGCCCTGAAGCTTCTCCAGGAGCATCAAGTGAACGTAGACTCTGTTTCATGCCAAGAACCT
GGTTGCCATCTCCACCTGCTGGTTGCCCTGTCTCAGTATTTCCGGGCACCAATCCGACTCCCAGACCAT
GTTTCCATCCAAGTGGTTGTGGTCCAGAAACGGGAAGGGATCCTTCAGTCTCGGCAATCCAAGAGGAAA
TAACTGGTAACACAGAGGCCCTTCCGGAAGGCATGAACGCGATGCCTTTGACACGCTGTTTGACCATGC
ACCAGACAACTCAATGTGGTGAAGAAGCCCTCATCACGTTTCGTGAACAAGCACCTGAATAAACTGAAC
TTGGAGGTCACAGAACTGGAGACGAGTTTGCAGATGGGGTCTACCTGGTGTGCTCATGGGGCTCCTGG
AGGGCTACTTTGTACCCCTGCACAGCTTCTTCTGACCCAGACAGCTTTGAACAGAAGGTCTGAATGT
TTCCTTTGCCTTTGAACTCATGCAAGATGGAGGGCTGGAAAAGCCTAAACCTCGGCCAGAAGACATTGTC
AACTGTGACCTGAAGTCCACGCTGAGAGTGCTGTACAACCTTTACCAAGTACCGGAATGTGGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR210291 representing NM_020656
 Red=Cloning site Green=Tags(s)

MATSPQKSPSPKSPPTPKSPPSRKKDSSFLGKLGGLARRKKAKEVSEFQEEGMNAINLPLSPISFELDP
 EDTMLEENEVRTMVDPNRNDPKLQELMKVLIDWINDVLVGERIIVKDLAEDLYDQVQLKLFKLESEK
 LNVAEVTQSEIAQKQKLQTVLEKINEALKLPPRSIKWNVDSVHAKNLVAIHLHLLVALSQYFRAPIRLPDH
 VSIQVVVVQKREGILQSRQIQEEITGNTEALSGRHERDAFDLFDHAPDKLNVVKKTLITFVNKHLNKLN
 LEVTELETQFADGVYLVLLMGLLEGYFVPLHSFFLTPDSFEQKVLNVSF AFELMQDGGLEKPKPRPEDIV
 NCDLKSTLRVLYNLF TKYRNVE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

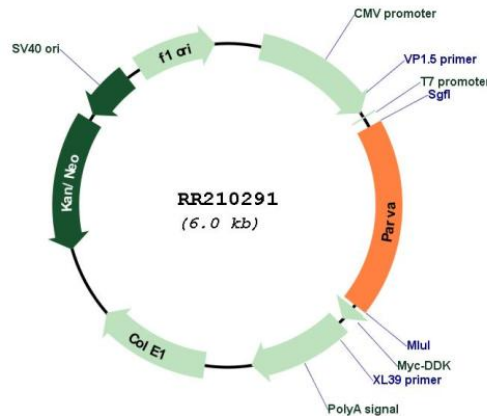
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_020656

ORF Size:	1116 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_020656.2 , NP_065707.2
RefSeq Size:	1119 bp
RefSeq ORF:	1119 bp
Locus ID:	57341
UniProt ID:	Q9HB97
Cytogenetics:	1q33
MW:	42.3 kDa
Gene Summary:	may regulate reorganization of the actin cytoskeleton in cell division [RGD, Feb 2006]