

## Product datasheet for **MR202336A1V**

### Mouse Rab4b (NM\_029391) AAV Particle

#### Product data:

Product Type: AAV Particles  
Product Name: Mouse Rab4b (NM\_029391) AAV Particle  
Tag: Myc-DDK  
Symbol: Rab4b  
Synonyms: 1500031G17Rik  
Mammalian Cell Selection: None  
Vector: pAAV-AC-Myc-DDK (PS100089)  
ORF Nucleotide Sequence: >MR202336 representing NM\_029391  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCCGAGACCTACGACTTCCTCTTCAAATTCCTGGTGATTGGCAGTGCTGGAAGTGGCAAATCATGTC  
TTCTCCACCAAGTTTATTGAGAATAAGTTCAAACAGGACTCCAACCACACTATCGGCGTGGAGTTTGGATC  
CAGGGTGGTCAACGTTGGGGGAAGACTGTGAACTACAGATTGGGACACTGCTGGCCAGGAGCGGTTT  
CGGTGGTGACGCGGAGTTATTACCGAGGGCAGCTGGAGCCCTGCTGGTGTATGACATCACAGCCGGG  
AGACATACAACCTCACTCGCTGCTTGGCTAACTGATGCCCAGGACTGGCCAGCCCAACATCGTGGTCAT  
CCTCTGTGGCAACAAGAAGGACCTGGATCCCGAGCGTGAGGTCACTTTCTAGAGGCTTCTCGCTTTGCT  
CAGGAGAATGAGCTGATGTTCTGGAGACCAGCGCTCTCACGGGTGAGAATGTGAAGAAGCTTTCTCA  
AGTGCGCGCGCACCATCTCAACAAGATCGACTCAGGTGAAGTAGACCCAGAGAGGATGGGTTTCAGGCAT  
TCAGTATGGCGACATATCCCTCCGCCAGCTGCGGCAGCCTCGCAGCGCCCAAGCCGTGGCCCTCAGCCC  
TGTGGCTGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR202336 representing NM\_029391  
Red=Cloning site Green=Tags(s)

MAETYDFLFKFLVIGSAGTGKSLHQQFIENKFQDSNHTIGVEFGSRVNVVGGKTVKLQIWDTAGQERF  
RSVTRSYRGAAGALLVYDITSRETYNSLAAWLTDARTLASPNIVVILCGNKKDLDPEREVTFLEASRFA  
QENELMFLETSALTGENVEEAFKLCARTILNKIDSGELDPERMGSGIQYGDISLRQLRQPRSAQAVAPQP  
CGC

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV



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|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Species:      | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Serotype:     | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ACCN:         | NM_029391                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:     | 639 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Buffer:       | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Stability:    | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus. |
| RefSeq:       | <a href="#">NM_029391.2</a> , <a href="#">NP_083667.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RefSeq Size:  | 1170 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 642 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:     | 19342                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt ID:   | <a href="#">Q91ZR1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Cytogenetics: | 7 15.84 cM                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MW:           | 23.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |