

## Product datasheet for **MR217022A1V**

### Mouse Rrn3 (NM\_001039521) AAV Particle

#### Product data:

|                           |                                                |
|---------------------------|------------------------------------------------|
| Product Type:             | AAV Particles                                  |
| Product Name:             | Mouse Rrn3 (NM_001039521) AAV Particle         |
| Tag:                      | Myc-DDK                                        |
| Symbol:                   | Rrn3                                           |
| Synonyms:                 | AL023001; E130302O19Rik; R75565; TIF-1A; Tif1a |
| Mammalian Cell Selection: | None                                           |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                     |



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**ORF Nucleotide  
Sequence:**

>MR217022 representing NM\_001039521  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGCCCGCTGCTTCACACGCGCTTGTGGGCGATGTGACGGCAGCGGCCTCTGCCACGCTGAGTG  
 CGTCGCGGACTGGGCTTTCCGATATGCTCGCGTTAGAGAGCGATTTCTTCAATTCCTCCGAAAAAAC  
 TGTTCCGTTTGGCGAACTGTGACAGAAGTCTTACTGAAATACAAAAAGGTGAAACAAATGACTTAGAG  
 TTGTTGAAGAACCAGCTGTCTGATCCTGATATAAAGGATGACCAGATCATTAACTGGCTACTAGAATTTT  
 GTTCTCTGTCATGTACTTGACAAAAGACTTTGAGCAACTTATAAACATCATATTGAGATTGCCCTGGTT  
 GAATAGAAGTCAGAGAGTGGTGGAGGAGTATTTGGCTTTTCTTGGTAATCTTGTGTCTGCACAGACTGTC  
 TTCCTTAGACCATGTCTCAGCATGATTGCGTCTCATTTTGTACCTCCCGAGTAATTGTCAAGGAAGGTG  
 GCATAGATGTTTCAGATTCTGATGACGAAGATGACAATCTTCTGCAATTTTGGACATGTACAGAGC  
 CTTGCAATAATAACAAGATATGTCCTCGACACCATGGTTTCTAATGCCAATACTGGTGGAGAAATTC  
 CCGTTTGTGAGGAAGTCCGAGAGAACATTGGAATGTTATGTTCACTAATTTAAGGATAAGTTTATATT  
 TCCCAACTTTGAGGCGTGAATTTCTGGAGCTTGTATTGAAAAGCTACTCAAGTTAGATGTGAGTGTATC  
 GCGGCAGGATATTGAAGATGCTGAAGAGAAAGCAGCTCAGACTTGTGGTGGACAGATACCACAGAAGGA  
 CTGTTTAAATATGGATGAAGATGAGGACACTGACCTGAGAAGAAAGCTGACCAGGAGCAGCCTAACCCAGA  
 TGGCTCATCCACCGCAGAGCGCTGGACGCTCTGCTGTGCTTGTCTGCTGCTCCTACATTGAGGATGTCTG  
 CCGTGTGCACGGTAAATTTGATAACAATAAAACAAAGGATTTATACCGTGATCTGATATCCATCTTTGAC  
 AAATTTCTGTTGCCACACATGCCTCCTGCCATGTACAGTTCTTCATGTTTTCTCTGCAGCTTCAAGT  
 TGGGATTTGCAGAAGCATTTTTGGAACATCTCTGAAAAAGTTGCAGGATCCAAATAACCCGCCATCAT  
 CAGGCAGGCTGCTGCAAATTATATTGGGAGCTTTTGGCCAGAGCTAAATTTATTCCTCTTATCACTGTG  
 AAGACATGCCTGGATCTCTTGGTTAACTGGCTGCACATGTACCTTACTAACCAGGATTCGGGAACAAAGG  
 CTTTTTGTGACGTTGCACTCCATGGACATTTTATTGAGCCTGCCAAGCTGTGTTCTACACTGTTGTTTT  
 TAGACACAAGCAGCTTTTGAAGTGGAACTTGAAGCAAGGTCTACAGTATCTTCAGAGTCTAAATTTTGA  
 CGCATTGTGTTGAGCCAGCTGAACCCACTGAAGATCTGCCTGCCGCAAGTGGTTAATTTCTTTGCTGCTA  
 TCACAAATAAATACCAGCTGGTGTCTGCTACACCATCATGGAGAGGAACAGTCGCCAGATGCTCCCGT  
 TATCCGCAGCACCCTGGTGGAGACTCCGTGCAGACCTGCACCAACCCACTGGACACTTTCTCCCTTT  
 GACCCTTGTGTCTTAAGAGGTCAAAGAAGTTCATTGATCCTATTTATCAGATTTGGGAAGATGGGAGTG  
 CTGAAGAGCTTCAGGAGTTTAAGAAATCTACTAAAAAGGAGGTAGTGGAGGATGAAGATGATGACTTTTT  
 GAAAGGCGAGGTGCCCCAGAGTGACACAGTGACTGGCCTTACTCCGAGCTCCTTTGATACCCACTTCCAA  
 AGTCCTTCCAGTAGTGTGGGCTCCCCTCTGTGCTGTATATACCAGGCCAGTCTCCACTCCTCACAAGGA  
 TCTATGAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR217022 representing NM_001039521</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAAPLLHTRLSGDVTAAASATLSASRTGLSDMLALESDFFNSPPKKTVRFGGTVTEVLLKYKKGETNDLE<br/> LLKNQLSDPDIKDDQIINWLLFRSSVMYLTkdfeQLINIIILRLPWLNRsQRVVEEYLAFLGNLVSAQTV<br/> FLRPCLSMIASHFVPPRVIVKEGGIDVSDSDEDDNLPAIFDTCHRALQIITRYVPSTPWFLMPILVEKF<br/> PFVRKSERTLECYVHNLLRISLYFPTLRREILELVIEKLLKLDVSVSRQDIEDAEKAAQTCGGTDTTEG<br/> LFNMDEDEDTDPEKKADQE QPNQMAHPTAERLDVLLCLLSYIEDVCRVHGKIDNNKTKDLYRDLISIFD<br/> KLLLPTHASCHVQFFMFFLCsFKLGFAEAFLEHLWKKLQDPNNPAIRQAAANYIGSFLARAKFIPLITV<br/> KTCLDLLVNWLHMYLTNQDSGKAFCDVALHGPfYSACQAVFYTVVFRHKQLLSGNLKQGLQYLQSLNFE<br/> RIVLSQLNPLKICLPQVVNFFAAITNKYQLVFCYTIMERNsrQMLPVIRSTAGGDSVQTCTNPLDTFFPF<br/> DPCVLKRskKFIDPIYQIWEDGSAEELQEFKKSTKKEVVEDEDDFLKGEVPQSDTVTGLTPSSFDTHFQ<br/> SPSSSVGSPPVLYIPGQSPLLTRIYD</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ACCN:</b>             | NM_001039521                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ORF Size:</b>         | 1968 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Buffer:</b>           | PBS with 0.001% Pluronic F2567                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Stability:</b>        | 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.                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>RefSeq:</b>           | <u>NM_001039521.1, NP_001034610.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>RefSeq Size:</b>      | 3607 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq ORF:</b>       | 1971 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Locus ID:</b>         | 106298                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID:</b>       | <u>B2RS91</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Cytogenetics:</b>     | 16 A1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>MW:</b>               | 74.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |