

## Product datasheet for **MR204727A1V**

### Mouse Akr1a1 (NM\_021473) AAV Particle

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | AAV Particles   |
| Product Name:             | Mouse Akr1a1 (NM_021473) AAV Particle                                       |
| Tag:                      | Myc-DDK   |
| Symbol:                   | Akr1a1  |
| Synonyms:                 | 2610201A18Rik; Akr1a4   |
| Mammalian Cell Selection: | None  |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)  |
| ORF Nucleotide Sequence:  | >MR204727 representing NM_021473<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGACGGCCTCCAGTGTCTCCTGCACACTGGACAGAAGATGCCTCTGATTGGTCTGGGGACATGGAAGA  
GTGAGCCTGGTCAGGTGAAAGCAGCCATTAACATGCCCTTAGCGCAGGCTACCGCCACATTGATTGTGC  
TTCTGTATATGGCAATGAAACTGAGATTGGGGAGGCCCTGAAGGAGAGTGTGGGGTCAGGCAAGGCAGTC  
CCTCGAGAGGAGCTGTTTGTGACATCCAAGCTGTGGAATACTAAGCACCCCTGAGGATGTAGAACCCTG  
CCCTCCGGAAGCACTGGCTGATCTGCAACTGGAGTATTGGACCTCTATTTGATGCACCTGGCCTTATGC  
CTTTGAGCGGGGAGACAATCCCTTTCCCAAGAATGCCGATGGAAGTGTGAGATATGACTCAACTCACTAT  
AAAGAGACCTGGAAGGCTCTGGAGTACTGGTGGCAAAGGGGCTGGTGAAGCCCTGGGCTTGTCCAAC  
TCAACAGTCGGCAGATTGATGATGTCTCAGTGTGGCCTCTGTGCGCCAGCTGTCTTGAGGTGGAATG  
CCATCCATACCTGGCTCAGAAATGAGCTCATTGCCACTGTACGCACGGGGCTTGGAGGTGACTGCTTAT  
AGCCCCTTGGGTTCTCTGACCGTGCTTGGCGCCATCCTGATGAGCCAGTCTGCTTGAAGAACCAGTAG  
TCTTGGCACTAGCTGAAAACATGGCCGATCTCCAGCTCAGATCTTGCTTAGATGGCAGGTTGAGCGGAA  
AGTGATCTGCATCCCCAAAAGCATCAATCCTTCCCGCATCCTTCAGAACATTGAGGATTTGATTTACC  
TTTAGCCAGAGGAGATGAAACAATTAGATGCTCTGAACAAAAATTGGCGGTATATTGTGCCATGATTA  
CGGTGGATGGGAAGGGTTCCAGAGATGCTGGACACCTCTGTATCCCTTTAATGACCATAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                          |   |
|--------------------------|---|
| <b>Protein Sequence:</b> | >MR204727 representing NM_021473<br>Red=Cloning site Green=Tags(s)<br><br>MTASSVLLHTGQKMPLIGLGTWKSEPGQVKAAIKHALSAGYRHIDCASVYGNETEIGEALKESVGSQKAV<br>PREELFVTSKLVNTKHHPEDEPALRKTLDLQLEYLDLYLMHWPYAFERGDNPFKPNADGTVRYDSTHY<br>KETWKALEVLVAKGLVKALGLSNFNSRQIDDVLSVASVRPAVLQVECHPYLAQNELIAHCHARGLEVTAY<br>SPLGSSDRAWRHPDEPVLLLEEVVLLALAEKHGRSPAQILLRWQVQRKVICIPKSINPSRILQNIQVDFDT<br>FSPEEMKQLDALNKNWRYIVPMITVDGKRVRDAGHPLYPFNDPY<br><br>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV       |
| <b>Species:</b>          | Mouse   |
| <b>Serotype:</b>         | AAV-2   |
| <b>ACCN:</b>             | NM_021473   |
| <b>ORF Size:</b>         | 975 bp  |
| <b>Buffer:</b>           | PBS with 0.001% Pluronic F68  |
| <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>           | <a href="#">NM_021473.3</a> , <a href="#">NP_067448.1</a>   |
| <b>RefSeq Size:</b>      | 1435 bp   |
| <b>RefSeq ORF:</b>       | 978 bp  |
| <b>Locus ID:</b>         | 58810   |
| <b>UniProt ID:</b>       | <a href="#">Q9JII6</a>  |
| <b>Cytogenetics:</b>     | 4 D1  |
| <b>MW:</b>               | 36.6 kDa  |