

## Product datasheet for **MR215307A1V**

### Mouse Sirt4 (NM\_001167691) AAV Particle

#### Product data:

**Product Type:** AAV Particles

**Tag:** Myc-DDK

**Symbol:** Sirt4

**Synonyms:** 4930596O17Rik

**Mammalian Cell** None

**Selection:**

**Vector:** pAAV-AC-Myc-DDK (PS100089)

**ORF Nucleotide Sequence:** >MR215307 representing NM\_001167691  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGAGCGGATTGACTTTCAGGCCGACAAAGGGCCGTTGGATCACCCACCTCAGCCGGCCGCGTTCTTG  
GACCCTCGGGGTTATTTGTGCCGCCAGCCCTCCTTTGGACCCTGAAAAGATCAAAGAGTTACAGCGCTT  
CATTAGCCTTTCCAAGAACTCCTCGTGATGACAGGCGCGGGGATCTCCACCGAGTCCGGCATCCAGAG  
TACAGGTACAGAAAAGGTGGGACTTTACGCCCGCACTGACCGGAGACCCATCCAGCACATTGATTTCTGTC  
GCAGTGCTCCGGTCCGCCAGCGGTACTGGGCCGAACTTTGTGGGCTGGCCTCAATTCTCCTCTACCA  
ACCAACCCAGCACACTGGGCTCTGAGCACTGGGAGAGACTGGGAAGCTGCACTGGTTGGTGACTCAG  
AACGTGGACGCTTTGCACTCCAAAGCAGGGAGTCAGCGGCTGACGGAGCTCCACGGATGCATGCACAGAG  
TCCTGTGCCTGAACTGTGGGAGCAGACTGCCCGCAGGGTGCTGCAGGAACGCTTCCAAGCCCTGAACCC  
CAGCTGGAGCGCCAGGCGCAGGGCGTGGCTCCCGACGGCGACGTGTTCTCACTGAGGAGCAGGTCCGG  
AGCTTTCAGGTCCCGTGCTGTGATCGATGCGCGGCCCTCTGAAACCGGACGTCGTTTCTTTGGGGACA  
CGGTGAACCCAGACAAGGTTGACTTTGTGACCGGCGTGTAAGAGGCGGACTCCCTACTGGTGGTGGG  
ATCATCCCTGCAGGTGTAATCTGTTACAGGTTATCCTCACC GCCCGCAGCAAAAGCTCCCAATAGCC  
ATTCTGAATATCGGCCCAACCGGTCTGACGATTTGGCTTGCCTGAAGCTGGATTCCCGCTGTGGAGAGT  
TGCTGCCTTAAATAGACCCGCGGAGACAGCACTCTGATGTCAAAGGCTGGAATGAATTTCTCTGAG  
TTCCGCTGCTCAAGATCCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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| <b>Protein Sequence:</b> | <p>&gt;MR215307 representing NM_001167691</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MSGLTFRPTKGRWITHLSRPRSCGPSGLFVPPSPPLDPEKIKELQRFISLSKKLLVMTGAGISTESGIPD<br/>         YRSEKVGLYARTDRRPIQHIDFVRSAPVRQRYWARNFVGWPQFSSHQPNPAHWALSNWERLGKHLWLVTQ<br/>         NYDALHSKAGSQRLTELHGCMHRVLCNCGEQTARRVLQERFQALNPWSAEAQGVAPDGDVFLTEEQVR<br/>         SFQVPCCDRCGGPLKPDVVFVFGDTVNPDKVDFVHRRVKEADSLLVGSSSLQVYSGYRFILTAREQKLPIA<br/>         ILNIGPTRSDDLACLKLD SRCGELLPLIDPRRQHSDVQRLEMNFP LSSAAQDP</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ACCN:</b>             | NM_001167691                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ORF Size:</b>         | 999 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>           | <u>NM_001167691.1</u> , <u>NP_001161163.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>      | 1645 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq ORF:</b>       | 1002 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Locus ID:</b>         | 75387                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>UniProt ID:</b>       | <u>Q8R216</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Cytogenetics:</b>     | 5 F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MW:</b>               | 38 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |