

## Product datasheet for **MR219249A1V**

### Mouse Tacc1 (NM\_199323) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Mouse Tacc1 (NM\_199323) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Tacc1  
**Synonyms:** 4833447E04Rik; AA960202; B230378H13Rik  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >MR219249 representing NM\_199323  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCGTTTCACTCCCTGGCAGATCCTGTCGCCCCGTGCAGTGGGCCAAGTGGACGTGGTCCGCGGTGCGCG  
GTTCCGGCGCCGAGAGGACGAAGCCGAGGTCCTCCGAGGGCGACCCCGAGGAGGAAGAGGACTCGCAAGC  
CGAGACCAATCCCTGAGTTTCAGGAGCGGCTGCAAGTGAAGAAATACGAAGCTCAGCCTCTCGATTTG  
GACGCGTGTTCAGGATGAAGGAGCCGTGATCTCGAAGATCTCAGAGATTCCTAACAGGGACGGCCACG  
CGACTGATGAGGAGAAGCTGGCCTCCACGTCGTCGTGTGCTCAGAAGTCAGCGGGGGCTGGGGTCAAAG  
CATAGAAAAGGAGACATGCCAGAAGATGGAGAAAGAGGAAGTGGCTGTGCATGGACTGCTGGAGTCTCTCT  
TCAGAAAAGGCCCCCGTGTCTGTGGCCTGTGGGGTGAGAGCCCCCTGGATGGGATCTGCCTCAGCGAAG  
CAGACAAGACTGCCGTGCTCACGTTGATCAGAGAAGAGATAATCACTAAAGAGATCGAAGCAATGAATG  
GAAGAAGAAATACGAAGAGACCCGGAAGAAGTTCTGGAGATGAGGAAAATTGTGGCAGAATATGAAAAG  
ACCATGCCCCAATGATTGAGGACGAGCAGAGGACAAGCATGAGTTCTCAGAAGAGTTTCCAGCAGCTGA  
CCATGGAGAAGGAGCAGGCGCTGGCGGACCTGAAGTCTGTGGAGAGGTCCCTTTCTGATCTCTTCAGGAG  
ATACGAAAACCTGAAAGGCGTGCTAGAAGGATTCAAGAAGAATGAAGAAGCCTTGAAAAAGTGTGCTCAG  
GACTACTTAGCCAGAGTCAAGCAGGAAGAGCAGCGATACCAGGCCCTGAAGGTTACGCAGAGGAAAAGC  
TGGACAGAGCCAACGAGGAGATTGCTCAGGTTCTGCTCCAAGGCGAAGGCTGAGAGTGCCGCTCTCCATGC  
CGGACTCCGGAAGGAGCAGATGAAGGTGGAGTCCCTGGAGAGGGCTCTTCAGCAGAAGAATCAAGAGATT  
GAGGAGCTGACAAAAATCTGTGACGAGTTGATCGCAAAGCTGGGAAAGACCGAC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR219249 representing NM_199323<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MAFSPWQILSPVQWAKWTWSAVRGSGAGEDEAGGPEGDPPEEEEDSQAETKSLSFRSGCKVKKYEAQPLDL<br/> DACSQDEGAVISKISEIPNRDGHATDEEKLASTSSCAQKSAGAGVKGIEKETCQKMEKEELAVHGLLESS<br/> SEKAPVSVACGGESPLDGICLSEADKTAVLTLIREEIIITKEIEANWKKKYEETREEVLEMRKIVAEYEK<br/> TIAQMIEDQRTSMSSQKSFQQLTMEKEQALADLNSVERSLSDLFRRYENLKGVLEGFKKNEEALKKCAQ<br/> DYLARVKQEEQRYQALKVHAEEKLDRANEEIAQVRSKAKAESAAHAGLRKEQMKVESLERALQQKNQEI<br/> EELTKICDELI AKLGKTD</p> <p><span style="color: red;">SGP</span>TRTRPLE<span style="color: green;">QKLISEEDLAANDILDYKDDDDKV</span></p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ACCN:</b>             | NM_199323                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ORF Size:</b>         | 1104 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><a href="#">NM_199323.3</a></u> , <u><a href="#">NP_955355.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq Size:</b>      | 6471 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq ORF:</b>       | 1107 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Locus ID:</b>         | 320165                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID:</b>       | <u><a href="#">Q6Y685</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Cytogenetics:</b>     | 8 A2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>MW:</b>               | 41.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |