

## Product datasheet for **MR227474A1V**

### Mouse Psma5 (NM\_011967) AAV Particle

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                               |
| Product Name:             | Mouse Psma5 (NM_011967) AAV Particle                                        |
| Tag:                      | Myc-DDK                                                                     |
| Symbol:                   | Psma5                                                                       |
| Synonyms:                 | ZETA                                                                        |
| Mammalian Cell Selection: | None                                                                        |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                  |
| ORF Nucleotide Sequence:  | >MR227474 representing NM_011967<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGTTCTCACTCGGTCCGAGTACGACAGGGGTGTGAATACTTTTCTCCTGAAGGAAGATTATTTCAAG  
TGGAATATGCCATTGAGGCTATCAAGCTTGGTTCTACAGCCATTGGCATCCAGACCTCAGAGGGTGTATG  
TCTAGCTGTGGAGAAGAGAATTACCTCCCCACTAATGGAGCCTAGCAGCATTGAGAAGATTGTAGAGATC  
GATGCTCATATAGTTTGCCATGAGTGGGCTAATTGCTGATGCTAAACTTTAATTGATAAAGCCAGAG  
TGGAGACACAGAACCCTGGTTCACCTATAATGAGACAATGACAGTTGAGAGTGTGACCCAGGCTGTGTC  
CAATCTGGCTCTGCAGTTTGGAGAAGAAGATGCAGATCCAGGTGCTATGTCTCGTCCCTTTGGAGTAGCA  
TTGTTGTTTGGAGGAGTTGATGAGAAAGGACCCCACTGTTTCACATGGACCCATCTGGGACCTTTGTAC  
AGTGTGATGCTCGAGCAATTGGCTCTGCTTCTGAGGGTGCCAGAGCTCCTTGCAAGAAGTTTACCATAA  
GTCTATGACTCTGAAGGAGGCCATCAAGTCCTCGCTCATCATCTCAAGCAAGTCATGGAGGAGAAGCTG  
AATGCAACCAACATCGAGCTAGCCACGGTGCAGCCTGGTCAGAATTTCCACATGTTCCACAAAGGAAGAAC  
TGGAGGAGGTGATCAAGGACATT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR227474 representing NM_011967<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MFLTRSEYDRGVNTFSPEGRLFQVEYAIEAIKLGSTAIGIQTSEGVCLAVEKRITSPLMEPSSIEKIVEI<br/>           DAHIGCAMSLIADAKTLIDKARVETQNHWFYNETMTVESVTQAVSNLALQFGCEEDADPGAMSRPFGVA<br/>           LLFGGVDEKGPQLFHMDPSGTFVQCDARAIGSASEGAQSSLQEVYHKSMTLKEAIKSSLIILKQVMEEKL<br/>           NATNIELATVQPGQNFHMFTEELEEVIKDI</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span></p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ACCN:</b>             | NM_011967                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ORF Size:</b>         | 723 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_011967.3, NP_036097.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq Size:</b>      | 1217 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>RefSeq ORF:</b>       | 726 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Locus ID:</b>         | 26442                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>UniProt ID:</b>       | <u>Q9Z2U1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Cytogenetics:</b>     | 3 F2.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>MW:</b>               | 26.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |