

## Product datasheet for **MR227465A1V**

### Mouse Pdpk1 (NM\_011062) AAV Particle

#### Product data:

|                           |                                      |
|---------------------------|--------------------------------------|
| Product Type:             | AAV Particles                        |
| Product Name:             | Mouse Pdpk1 (NM_011062) AAV Particle |
| Tag:                      | Myc-DDK                              |
| Symbol:                   | Pdpk1                                |
| Synonyms:                 | Pdk1                                 |
| Mammalian Cell Selection: | None                                 |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)           |



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**ORF Nucleotide  
Sequence:**

>MR227465 representing NM\_011062  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCAGGACCACCAGCCAGCTGTATGACGCTGTGCCCATTCAGTCCAGTGTGGTGCTATGTTCTGCC  
 CATCCCCATCAATGGTGAGGTCCAGACTGAGCCCGTTTCGTCCCTGGCATTCCCTAGTGGTGTTAGCAG  
 GCAGGGATCCACCATGGATGGCACCACAGCTGAAGCCCGACCAAGCACAACCCCTTGACGACGACCCCT  
 GCCCAGCTGCCACCACAGCCTCGCAAGAAACGCCCTGAAGACTTCAAGTTTGGGAAAATCTTGCGGAGG  
 GCTCTTTTCAACAGTTGTTCTGGCCGAGAAGTGGCCACTTCCAGAGAATATGCTATTTAAATCTGGA  
 GAAACGTCATATTATAAAGAAAAAAGTTCCGTATGTAAGTACAGAGAGAGATGTGATGTCACGCCTG  
 GATCACCCCTTCTTTGTAACTTTATTTACATTTAGGACGACGAAAAGCTGTATTTTGGCCTTAGTT  
 ATGCCAAAAATGGAGAGCTACTTAAATACATCCGCAAAATTTGGCTCATTTGATGAGACCTGTACCCGGTT  
 TTACACGGCTGAGATTGTGTCTGCTTTAGAGTACTTGCATGGCAAGGGCATCATTACAGAGACCTTAA  
 CCAGAAAAATTTTGTAAATGAAGACATGCACATCCAGATCACAGATTTTGGAAACAGCAAAAGTGTAT  
 CCCCAGAGAGCAAAACAGCCAGGGCCAACCTCATTTGTAGGAACAGCACAGTATGTTTCTCCAGAGCTGCT  
 CACAGAGAAGTCGGCGTGTAAAAGTTCAGACCTTTGGGCCCTTGATGTATAATCTATCAGCTCGTGGCA  
 GGACTCCCACCATTCAGAGCCGGAATGAATATCTTATATTTTCAAGATCATTAAGCTGGAATATCATT  
 TCCCAGAAAAATCTTCCCTAAGGCTAGAGATCTTGGAAGAACTCTTGTTTTAGATGCCACAAGCG  
 TTTAGGCTGTGAAGAGATGGAAGGTACGGGCTCTCAAAGCTCATCCATTCTTTGAGACCATCACTTGG  
 GAGAATTTGCACCAGCAGACACCTCCGAAGCTCACAGCTTACCTACCAGCCATGTCAGAGGATGATGAAG  
 ACTGCTATGGCAACTACGACAATCTCCTGAGCCAGTTTGGCTTCATGCAGGTGCATCCTCCTCCTCTTC  
 CCACTCCTGTCTACGGTGGAACAGCCTGCCCGAGAGTTCGGGCAGCAACATAGAGCAGTACATCCAT  
 GATTTGGACACTAACTCTTTGAACTAGACTTACAGTTTTCAGAAGATGAAAAAGGTTGTTATTGGAAA  
 AGCAAGCCGGTGGAACCCCTTGGCACCAGTTTGTAGAAAATAATCTAATATTTAAATGGGTCCAGTGGA  
 TAAGCGAAAGGTTTATTTGCAAGACGACGACAGTTTACTCACAGAAGGGCCACATTTATATTATGTT  
 GATCCTGTCAACAAGGCTTGAAGGTGAAATCCCATGGTCACAAGAACTCCGACCAGAAGCAAGAAAT  
 TTTAACTTTCTTTGTCCACACGCTAACAGGACGTAACCTGATGGATCCAAGCGGGAATGCTCACAA  
 GTGGTGCAAGAGATCCAGGAGTTTGGAGGCAGCAGTACCAGAGCAATCCAGATGCTGCTGTGCAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR227465 representing NM\_011062  
 Red=Cloning site Green=Tags(s)

MARTTSQLYDAVPIQSSVVLCSPPSPMVRSTQTEPGSSPGIPSGVSRQGSTMDGTTAEARPSTNPLQQHP  
 AQLPPQPRKKRPEDFKFGKILGEGSFSTVVLARELATSREYAIKILEKRHIKENKVPYVTRERDVMSRL  
 DHPFFVKLYFTFQDDEKLYFGLSYAKNGELLKYIRKIGSFDETCTRFYTAIEIVSALEYLHGKGIHRDLK  
 PENILLNEDMHIQITDFGTAKVLSPEKQARANSFVGTAAQYVSPPELLTEKSACKSSDLWALGCIYQLVA  
 GLPPFRAGNEYLIQKIIKLEYHFPEKFFPKARDLVEKLLVLDATKRLGCEEMEGYGLKAHPFFETITW  
 ENLHQQTTPPKLTAYLPAMSEDDDCYGNNDNLSQFGFMQVSSSSSSSLSTVETSLPQRSGSNIEQYIH  
 DLDNTSFDLDLQFSEDEKRLLEKQAGGNPWHQFVENNLIKMGVPVDRKGLFARRRQLLLTEGPHLYYV  
 DPVNKVLKGEIPWSQELRPEAKNFKTFVHTPNRTYYLMDPSGNAHKWCRKIQEVWRQQYQSNPDAAVQ

**TR**TRPLE**QKL**ISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_011062

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ORF Size:</b>     | 1677 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_011062.4, NP_035192.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>  | 7175 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 1680 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>     | 18607                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>   | <u>Q9Z2A0</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b> | 17 A3.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>MW:</b>           | 64.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |