

## Product datasheet for **RC204235A1V**

### Human DHPS (NM\_001930) AAV Particle

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                     |
| Product Name:             | Human DHPS (NM_001930) AAV Particle                               |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | DHPS                                                              |
| Synonyms:                 | DHS; DS; MIG13; NEDSSWI                                           |
| Mammalian Cell Selection: | None                                                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                        |
| ORF Nucleotide Sequence:  | >RC204235 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAAGGTTCCCTGGAACGGGAGGCGCCAGCGGGGCGCTGGCCGCGTGCTAAAGCACAGCTCGACGT  
TGCCGCCCCGAAAGCACCCAGGTCGGGGCTACGACTTCAACCGCGGTGTGAATTACCGCGCACTGCTGGA  
GGCCTTCGGCACCACCGGCTTCCAAGCAACCACTTCGGGCGCGCTGTACAGCAAGTCAATGCCATGATC  
GAGAAGAAGCTGGAACCACTGTCACAGGATGAAGACCAGCACGCGGACCTGACCCAGAGCCGCCGCCAC  
TTACCAGCTGCACCATTTCTGGGATATACATCCAACCTCATCAGTTCAGGCATCCGTGAGACCATTCG  
CTACCTTGTGCAGCACAACTGGTGGACGTATTGGTGACCACAGCTGGCGGCGTGGAGGAAGACCTCATC  
AAGTGCCTGGCGCCACATACTTGGCGAGTTTAGCCTCAGGGGAAGGAGCTCCGGGAGAACGGGATCA  
ATAGGATCGGAAACCTGCTGGTGCCCAATGAGAATTACTGCAAGTTTGAGGACTGGCTGATGCCATTCT  
GGACCAGATGGTGTGGAGCAGAACACAGAGGGTGTAAAGTGACGCCTTCTAAGATGATCGCCCGGCTG  
GGCAAGGAGATCAACAACCCAGAGTCCGTGTATTACTGGGCCAGAGAACCACATCCCTGTGTTTAGTC  
CCGCACTTACAGACGGCTCGCTGGGCGACATGATCTTCTCCATTCTACAAGAACCCGGGCGCTGGTCT  
GGACATCGTTGAGGACCTGAGGCTCATCAACACACAGGCCATCTTGCCAAGTGCACTGGGATGATCATT  
CTGGGCGGGGCGTGGTCAAGCACCACATTGCCAATGCCAACCTCATGCGGAACGGGGCCGACTACGCTG  
TTTACATCAACACAGCCAGGAGTTTGATGGCTCTGACTCAGGTGCCCGACCAGACGAGGCTGTCTCCTG  
GGGCAAGATCCGGGTGGATGCACAGCCCGTCAAGGTCTATGCTGACGCCTCCCTGGTCTTCCCCCTGCTT  
GTGGCTGAAACCTTTGCCAGAAGATGGATGCCTTCATGCATGAGAAGATGAGGAC

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC204235 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MEGSLEREAPAGALAAVLKHSSTLPPESTQVRGYDFNRGVNYRALLEAFGTTGFQATNFGRAVQQVNAMI<br/> EKKLEPLSQDEQHADLTQSRRLTSTCTIFLGYSNLISSGIRETIRYLVQHNMYDVLVTTAGGVEEDLI<br/> KCLAPTYLGEFSLRGKELRENGINRIGNLLVPNENYCKFEDWLMPILDQMVMQNTGKWTSPSKMIARL<br/> GKEINNPESEVYYWAQKNHIPVFSALTDGSLGDMIFFHSYKNPGLVLDIVEDLRLINTQAIFAKCTGMII<br/> LGGGVVKHHIANANLMRNGADYAVYINTAQEFDGSDSGARPDEAVSWGKIRVDAQPVKVYADASLVFPLL<br/> VAETFAQKMDAFMHEKNED</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ACCN:             | NM_001930                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ORF Size:         | 1107 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Buffer:           | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Stability:        | 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.                                                          |
| RefSeq:           | <a href="#">NM_001930.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:      | 1361 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| RefSeq ORF:       | 1110 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Locus ID:         | 1725                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| UniProt ID:       | <a href="#">P49366</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics:     | 19p13.13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| MW:               | 41 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |