

## Product datasheet for **MR226414A1V**

### Mouse Dclk1 (NM\_001195538) AAV Particle

#### Product data:

|                           |                                                                                                              |
|---------------------------|--------------------------------------------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                                                                |
| Product Name:             | Mouse Dclk1 (NM_001195538) AAV Particle                                                                      |
| Tag:                      | Myc-DDK                                                                                                      |
| Symbol:                   | Dclk1                                                                                                        |
| Synonyms:                 | 1700113D08Rik; 2810480F11Rik; AI836758; Clic; Click-I; CPG1; Cpg16; Dc; Dcamk; Dcamkl1; Dcl; Dclk; mKIAA0369 |
| Mammalian Cell Selection: | None                                                                                                         |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                                                   |



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**ORF Nucleotide  
Sequence:**

&gt;MR226414 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

 ATGTCGTTCCGGCAGAGATATGGAGTTGGAGCATTTTGATGAGCGGGACAAGGCGCAGAGGTACAGCAGGG  
 GGTCCTGTGAATGGCCTGCCAGCCCCACACACAGCGCCACTGCAGCTTCTACCGCACCCGACCCCT  
 GCAGACGCTCAGCTCCGAGAAGAAAGCCAAGAAGGTTTCGATTCTACAGAAATGGTGACCGCTACTTCAAA  
 GGAATTGTGTATGCCATCTCCCCAGACCGCTTCAGATCTTTCGAGGCCCTGCTGGCTGATTTGACCCGAA  
 CTCTCTCGGATAATGTGAATTTGCCAGGGGGTGAGAACCATCTACACCATCGATGGACTCAAGAAGAT  
 CTCCAGCTGGACGAGCTGGTGAAGGTGAAAGCTATGTCTGCGGCTCCATCGAGCCCTTAAAGAAGCTG  
 GAGTACACCAAGAATGTGAACCCCACTGGTCAGTGAACGTCAAGACCACCTCAGCCTCCCGCGCAGTGT  
 CTTCTTTGGCCACTGCCAAGGGTGGGCCTTCGAGGTTTCGGGAGAATAAGGATTTCAATCGACCCAAGCT  
 GGTCAACATCATCAGAAGTGGGGTGAAGCCACGGAAGGCTGTCAGAATCTGCTGAACAAGAAGACGGCT  
 CACTCCTTCGAGCAGGTTCTCACTGACATTACCGACGCTATCAAGCTGGACTCCGGTGTGGTGAAGCGCC  
 TGTACACTCTGGATGGGAAGCAGGTGATGTGCCTTCAGGACTTTTTTGGTGACGATGACATTTTATTGC  
 ATGTGGACCAGAGAAGTCCGTTACCAGGATGATTTCTTGCTAGATGAAAGTGAATGTCGAGTGGTGAA  
 TCAACTTCTTACACAAAATAGCATCAGCGTCCCGCAGAGGCACAACCAAGAGCCAGGACCTTCCCGGA  
 GAAGCAAGTCCCAGCCTCCACAGCTCAGTTAATGGAACCCCTGGTAGTCAGCTCTCTACTCCACGCTC  
 GGGCAAGTCACCAAGTCCATCACCCACAGCCAGGAAGCCTGCGGAAGCAGAGGATCTCTCAGCATGGC  
 GGCTCCTCGACTTCATTTTATCCACTAAAGTTTGAGCTCAATGGATGAGAATGATGGCCCTGGGAAG  
 AAGAGCTGAGGAAGGCTTCAGATTCTGCCACAATAACAGAGAGATACAAAGTCGGGAGAACAATAGG  
 AGACGGAAATTTTGTGTTGTCAAGGAATGTATAGAGAGGTCGACTGCTCGGGAGTATGCCCTGAAAAATC  
 ATCAAGAAAAGCAATGCCGAGGCAAAGAGCACATGATCCAGAACGAGGTCTCCATCCTACGGAGGGTGA  
 AGCACCCCAACATTGTCTCTGATTGAAGAGATGGATGTGCCGACTGAACTGTATCTTGAATGGAATT  
 AGTGAAGGGTGGAGACCTTTTCGATGCCATCACCTCCACTAGCAAATACACAGAGAGAGATGCCAGCGGG  
 ATGCTGTACAACCTGGCCAGCGCCATCAAATACCTGCACAGCCTGAACATCGTCCACCGTGACATCAAGC  
 CAGAGAATCTGCTGGTGTATGAGCACCAGGATGGCAGTAAGTCACTCAAGTTGGGTGACTTTGGCCTGGC  
 CACAATTGTCGACGGCCCCCTGTACACAGTCTGTGGCACCCCAACATATGTGGCTCCAGAAATCATTGCA  
 GAGACTGGATATGGCCTCAAGGTGGACATCTGGGCAGCTGGCGTGATCACTTATATCCTGCTGTGTGGCT  
 TCCCTCCGTTCCGTGGAAGTGGGGATGACCAGGAGGTGCTTTTTGACCAGATCTTGATGGCCAAGTGGA  
 CTTTCCATCTCCGTATTGGGACAATGTGTGAGATTCTGCTAAGGAGCTCATCAACATGATGCTGTGTGGTT  
 AACGTGGACCAGAGATTTTCAGCCGTGCAGGTCTTGGAGCATCCCTGGGTTAATGATGATGGTCTCCAG  
 AAAATGAGCATCAGCTGTGAGTGGCAAAATCAAGAAGCATTTCAACACAGGCCCAAGCCGAGCAG  
 CACTGCAGCAGGAGTTTCTGTAATAGCAACCACCGCTCTTGATAAGGAGAGGCAGGTTTTCCGACGAAGA  
 CGCAACCAGGATGTGAGGAGCCGGTACAAGGCGCAGCCAGCTCCACCGGAATTGAACTCGGAATCGGAGG  
 ACTACTCCCCAGCTCCTCTGAGACTGTTGCTCCCCCAATTGCCCCTTT

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR226414 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MSFGRDMELEHFDERDKAQRYSRGRVNGLPSPTHSAHCSFYRTRTLQTLSEKKAKKVRFYRNGDRYFK<br/> GIVYAI SPDRFRSFEALLADL TRTLSDNVNLPQGVRTIYTIDGLKKISSLDQLVEGESYVCGSIEPFKKL<br/> EYTKNVNPNWSVNVKTTASRAVSSLATAKGGPSEVRENKDFIRPKLVTIIRSGVKPRKAVRILLNKTA<br/> HSFEQVLTIDITDAIKLDSGVVKRLYTLDGKQVMCLQDFFGDDDFIACGPEKFRYQDDFLLDESECRVVK<br/> STSYTKIASASRRGTTKSPGPSRRSKSPASTSSVNGTPGSQLSTPRSGKSPSPSPTSPGSLRKQRISQHG<br/> GSSTSLSSTKVCSSMDENDGPGEESSEEGFQIPATITERYKVGRTIGDGNFAVVKECIERSTAREYALKI<br/> IKKSKCRGKEHMIQNEVSILRRVKHPNIVLLIEEMDVPTELYLVMELVKGGDLFDAITSTSKYTERDASG<br/> MLYNLASAIKYLHSLNIVHRDIKPENLLVYEHQDGSKSLKLGDFGLATIVDGPLYTVCGTPTYVAPEIIA<br/> ETGYGLKVDIWAAGVITYILLCGFPFPRGSGDDQEVLFQDILMGQVDFPSPYWDNVSDSAKELINMMLLV<br/> NVDQRFSAVQVLEHPWVNDGLPENHQLSVAGKIKKHFNTPGPKPSSTAAGVSVIATTALDKERQVFRRR<br/> RNQDVR SRYKAQFAPPELNSESEDYSPSSSETVRSPNSPF</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ACCN:</b>             | NM_001195538                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ORF Size:</b>         | 2220 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Buffer:</b>           | PBS with 0.001% Pluronic F4106                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <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_001195538.1, NP_001182467.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>      | 7817 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>       | 2223 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>         | 13175                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cytogenetics:</b>     | 3 C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>MW:</b>               | 82.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |