

## Product datasheet for **RC234565A1V**

### Human **DYNC1I2 (NM\_001271789) AAV Particle**

#### Product data:

|                           |                                           |
|---------------------------|-------------------------------------------|
| Product Type:             | AAV Particles                             |
| Product Name:             | Human DYNC1I2 (NM_001271789) AAV Particle |
| Tag:                      | Myc-DDK                                   |
| Symbol:                   | DYNC1I2                                   |
| Synonyms:                 | DIC74; DNCI2; IC2; NEDMIBA                |
| Mammalian Cell Selection: | None                                      |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                |



[View online »](#)

## ORF Nucleotide Sequence:

>RC234565 representing NM\_001271789  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGTCAGACAAAAGTGAATTAAGGCTGAGTTGGAACGTAAGAAGCAGCGACTGGCCCAAATCAGAGAGG  
 AAAAGAAGAGAAAAGAAGAAGAAAGGAAAAAAGAAACAGACCAGAAGAAGGAAGCTGTTGCTCCTGT  
 GCAAGAAGAATCAGATCTTGAAAAAAGGAGAGAAGCTGAAGCATTGCTTCAAAGCATGGGGTAACT  
 CCAGAATCCCCATTGTCCCTCCTCTATGTCTCCATCCTCAAATCTGTGAGCACTCCAAGTGAAGCTG  
 GAAGCCAAGACTCTGGAGATGGCGCGTGGGATCTAGACGAGGACCTATTAACTTGGAAATGGCTAAAT  
 CACGCAAGTCGACTTTCCTCCTCGAATAATTGTACGTATACAAAGGAACTCAGACTCCAGTTATGGCT  
 CAACCCAAAGAAGATGAAGAGGAAGATGATGATGATGAGTGGCTCCTAAACCACTATTGAACCTGAAGAAG  
 AGAAAACTTTAAAGAAAGATGAGGAAAAATGATAGTAAAGCTCCCCCTCATGAGCTGACTGAAGAAGAAA  
 GCAACAAATCTTGCACTCTGAGGAATTTTAAAGTTTCTTGACCATTCTACAAGAATTGTAGAAAGAGCT  
 CTTTCTGAGCAGATTACATCTTCTTTGACTATAGTGGGAGAGATTTGGAAGACAAAGAAGGAGAGATTC  
 AAGCAGGTGCTAACTGTCATTAAATCGACAATTTTTTACGAACGTTGGTCAAAGCATCGGGTGGTTAG  
 TTGTTTGGATTGGTCATCTCAGTATCCGGAGTTACTCGTGGCTTCCTATAACAACAATGAAGATGCCCT  
 CATGAGCCTGATGGTGTGGCCCTTGTATGGAATATGAAATACAAAAAACTACCCAGAGTATGTGTTTC  
 ACTGCCAGTCAGCTGTGATGTCTGCCACATTTGCAAAATTTTATCCAAATCTTGTGTTGGTGGTACATA  
 TTCAGGCCAAATTGTGCTTTGGGATAACCGTAGCAATAAAGAAGCTCCAGTGCAAGAAGCTCCACTGTCA  
 GCAGCTGCACACACACCCCTGTATATTGTGTAATGTTGTTGGAACACAAAAATGCTCACAATCTGATTA  
 GCATCTCTACTGATGAAAAATTTGTTTCTGAGTCTGGACATGCTTTCCATCCACAGGATAGCATGGA  
 GTTGGTTCATAAACAGTCAAAAGCAGTAGCTGTGACATCTATGTCCTTCCTGTTGGAGATGTCAACAAC  
 TTTGTTGTTGGGAGTGAAGAAGTTCTGTGTACACAGCATGCCGCCATGGCAGCAAGCTGGAATCAGTG  
 AGATGTTTGAGGGGCATCAAGGACCAATCACTGGCATCCATTGTCATGCAGCTGTTGGAGCAGTAGACTT  
 CTCACATCTTTTGTCACTTCATCGTTTACTGGACAGTAAAGCTTTGGACAATAAGAATAACAAGCTT  
 TTGATTTCATTTGAAGATAATGCAGACTATGTTTATGATGTTATGTGGTCACTACCCACCCAGCCCTGT  
 TTGCCTGTGTGGATGGCATGGGAGATTGGATTTGTGGAATCTCAATAATGACACAGAGGTACCAACTGC  
 CAGCATTTCTGTGGAGGTAATCCTGCTCTTAATCGTGTGAGATGGACCACTTCTGGCAGAGAGATTGCT  
 GTGGGTGATTCTGAAGGACAGATTGTTATATACGATGTGGGAGAGCAGATTGCTGTTCCCGCAATGATG  
 AATGGGCACGGTTTGGCCGAACACTTGCAAGAAATTAATGCAAAACCGAGCTGATGCAGAGGAGGAAGCAGC  
 TACCCGAATACCTGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

## Protein Sequence:

>RC234565 representing NM\_001271789  
 Red=Cloning site Green=Tags(s)

MSDKSELKAELERKKQRLAQIREKKRKEEERKKKETDQKKEAVAPVQEEESDLEKKRREAEALLQSMGLT  
 PESPIVPPPMSPSSKSVSTPSEAGSQSDGDGAVGSRGPIKLGMAKITQVDFPPREIVTYTKETQTPVMA  
 QPKEDEEEDDDVAPKPPIEPEEEKTLKKDEENDSKAPPHELTEEEKQQLHSEEFLLSFFDHSTRIVERA  
 LSEQINIFFDYSGRDLEDKEGEIQAGAKLSLNRQFFDERWSKHRVVSCLDWSSQYPELLVASYNNEADAP  
 HEPDGVALVWNMKYKTTPEYVFHCQSAVMSATFAKFHPNLVGGTYSQIIVLWNRNKRTPVQRTPLS  
 AAAHTHPVYCVNVVGTQNAHNLISISTDGKICSWSLDMLSHPQDSMELVHKQSKAVAVTSMSPVGDVNN  
 FVVGSEEGSVYTACRHGSKAGISEMFEGHQGPITGIHCHAAVGAVDFSHLFTSSFDWTVKLWTTKNNKP  
 LYSFEDNADYVYDVMWSPTHPALFACVDGMGRLLDLWNLNNDTEVPTASISVEGNPALNRVRWTHSGREIA  
 VGDESGQIVYIDVGEQIAVPRNDEWARFGRTLAEINANRADAEEEAATRIPA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

## Species:

Human

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Serotype:</b>     | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>         | NM_001271789                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ORF Size:</b>     | 1836 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Buffer:</b>       | PBS with 0.001% Pluronic F10303                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <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_001271789.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>RefSeq Size:</b>  | 4319 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 1839 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>     | 1781                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID:</b>   | <u>Q13409</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b> | 2q31.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MW:</b>           | 68.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |