

## Product datasheet for **RC209379A1V**

### Human PCNA (NM\_182649) AAV Particle

#### Product data:

|                |                            |
|----------------|----------------------------|
| Product Type:  | AAV Particles              |
| Tag:           | Myc-DDK                    |
| Symbol:        | PCNA                       |
| Synonyms:      | ATLD2                      |
| Mammalian Cell | None                       |
| Selection:     |                            |
| Vector:        | pAAV-AC-Myc-DDK (PS100089) |

**ORF Nucleotide Sequence:** >RC209379 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTTCGAGGCGCGCTGGTCCAGGGCTCCATCCTCAAGAAGGTGTTGGAGGCACTCAAGGACCTCATCA  
ACGAGGCTGCTGGGATATTAGCTCCAGCGGTGTAACCTGCAGAGCATGGACTCGTCCACGTCTCTTT  
GGTGCAGCTCACCTGCGGTCTGAGGGCTTCGACACCTACCGCTGCGACCGCAACCTGGCCATGGGCGTG  
AACCTCACCAGTATGTCCAAAATACTAAAAATGCGCCGGCAATGAAGATATCATTACACTAAGGGCCGAAG  
ATAACGCGGATACCTTGCGCTAGTATTTGAAGCACCACCAGGAGAAAGTTTCAGACTATGAAATGAA  
GTTGATGGATTTAGATGTTGAACAACCTTGAATTCCAGAACAGGAGTACAGCTGTGTAGTAAAGATGCCT  
TCTGGTGAATTTGCAGTATATGCCGAGATCTCAGCCATATTGGAGATGCTGTTGTAATTTCTGTGCAA  
AAGACGGAGTGAAATTTCTGCAAGTGGAGAACTTGGAAATGGAAACATTAAATTGTCACAGACAAGTAA  
TGTCGATAAAGAGGAGGAAGCTGTTACCATAGAGATGAATGAACCAGTTCAACTAACTTTTGCAGTGGG  
TACCTGAACCTCTTACAAAAGCCACTCCACTCTTCAACGGTGACACTCAGTATGTCTGCAGATGTAC  
CCCTTGTGTAGATATAAAATGCGGATATGGGACACTTAAATACTACTTGGCTCCCAAGATCGAGGA  
TGAAGAAGGATCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC209379 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MFEARLVQGSILKKVLEALKDLINACWDISSSGVNLQSMDSHVSLVQLTLRSEGFDYRCDRLAMGV<br/> NLTSMKILKCAGNEDIITLRAEDNADTLALVFEAPNQEKVSDYEMKMLDVEQLGIPEQEYSCVVKMP<br/> SGEFARICRDLSHIGDAVVISCAKDGKFSASGELGNGNIKLSQTSNVDKEEEAVTIEMNEPVQLTFALR<br/> YLNFFTKATPLSSTVTLMSADVPLVVEYKIADMGHLKYYLAPKIEDEEGS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>                                                                     |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>             | NM_182649                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>         | 783 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>           | <a href="#">NM_182649.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>      | 1319 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>       | 786 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>         | 5111                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID:</b>       | <a href="#">P12004</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cytogenetics:</b>     | 20p12.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>MW:</b>               | 28.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |