

## Product datasheet for **RC209290A1V**

### Human **PARD6B (NM\_032521)** AAV Particle

#### Product data:

|                |                            |
|----------------|----------------------------|
| Product Type:  | AAV Particles              |
| Tag:           | Myc-DDK                    |
| Symbol:        | PARD6B                     |
| Synonyms:      | PAR6B                      |
| Mammalian Cell | None                       |
| Selection:     |                            |
| Vector:        | pAAV-AC-Myc-DDK (PS100089) |

**ORF Nucleotide Sequence:** >RC209290 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**

ATGAACCGCAGCCACCGGCACGGGGCGGGCAGCGGCTGCCTGGGCACTATGGAGGTGAAGAGCAAGTTTG  
GAGCTGAATTCGTCGGTTTTCTGCTGGAAGATCAAAACCTGGAAAATTTGAGGAGTTTTATGGATTACT  
ACAACATGTTTCATAAGATCCCAATGTTGACGTTTTGGTAGGCTATGCAGACATCCATGGAGACTTACTA  
CCTATAAATAATGATGATAATTATCACAAGCTGTTTCAACGGCCAATCCACTGCTTAGGATATTTATAC  
AAAAGAAGGAAGAAGCAGACTACAGTGCCTTTGGTACAGACACGCTAATAAAGAAGAAGATGTTTTAAC  
CAACGTATTGCGTCCTGACAACCATAGAAAAAGCCACATATAGTCATTAGTATGCCCAAGACTTTAGA  
CCTGTGCTCTTCTATTATAGACGTGGATATTCTCCAGAAACGCATCGTAGGGTACGTCTTTACAAATACG  
GCACGGAGAAACCCCTAGGATTCTACATCCGGGATGGCTCCAGTGTACAGGTAAACACCATGGCTTAGA  
AAAGGTTCCAGGGATCTTATATCCAGGCTTGCCAGGAGGTCTGGCTCAAAGTACAGGACTATTAGCT  
GTAAATGATGAAGTTTTAGAAGTTAATGGCATAGAAGTTTCAGGAAGAGCCTTGATCAAGTAACAGACA  
TGATGATTGCAATAGCCGTAACTCATCATAACAGTGAGACCGGCAACACAGAGGAATAATGTTGTGAG  
GAACAGTCGGACTTCTGGCAGTTCGGTCACTACTGATAACAGCCTTCTTGCTACCCACAGCAGATT  
GAACCAAGCTTTGAGCCAGAGGATGAAGACAGCGAAGAAGATGACATTATCATTGAAGACAATGGAGTGC  
CACAGCAGATTCAAAAGCTGTTCTAATACTGAGAGCCTGGAGTCATTAAACAGATAGAGTTAAGCTT  
TGAGTCTGGACAGAATGGCTTTATTCCTCTAATGAAGTGAGCTTAGCAGCCATAGCAAGCAGCTCAAA  
ACGGAATTTGAAACACATGCTCCAGATCAAAACTCTTAGAAGAAGATGGAACAATCATAACATTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC209290 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MNRSHRHGAGSGCLGTMEVKSFGAEFRFSLERSKPGKFEEFYGLLQHVHKIPNVDVLVGYADIHGDLL<br/> PINDDNYHKAVSTANPLLRFIQKKEEADYSAFGDTLIKKNVLTNVLRPDNHRKKPHIVISM PQDFR<br/> PVSSIIDVDILPETHRRVRLKYGTEKPLGFYIRDGSSVRVTPHGLEKVP GIFISRLVPGGLAQSTGLLA<br/> VNDEVLEVNGIEVSGKSLDQVTDMMIANSRNL IITVRPANQRNNVVRNSRTSGSSGQSTDNSLLGYPQQI<br/> EPSFEPEDEDSEEDDIIIEDNGVPQQIPKAVPNTESLES LTQIELSFESGQNGFIPSNEVSLAAIASSN<br/> TEFETHAPDQKLLEEDGTIITL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ACCN:</b>             | NM_032521                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ORF Size:</b>         | 1116 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_032521.1, NP_115910.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>RefSeq Size:</b>      | 4625 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>       | 1119 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>         | 84612                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>       | <u>Q9BYG5</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>     | 20q13.13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>MW:</b>               | 41.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |