

## Product datasheet for **RC211812A1V**

### Human ROD1 (PTBP3) (NM\_005156) AAV Particle

#### Product data:

|                |                            |
|----------------|----------------------------|
| Product Type:  | AAV Particles              |
| Tag:           | Myc-DDK                    |
| Symbol:        | ROD1                       |
| Synonyms:      | ROD1                       |
| Mammalian Cell | None                       |
| Selection:     |                            |
| Vector:        | pAAV-AC-Myc-DDK (PS100089) |



**ORF Nucleotide Sequence:** >RC211812 representing NM\_005156  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGATGGTGTGTTACAGATCTTATAACAGTCGGTTTAAAGCGGGGATCTGATGAGCTTCTTTCTTCTG  
 GCATCATTAAACGGACCTTTTACCATGAATAGTTCTACTCCTTCTACAGCTAATGGGAATGACAGCAAGAA  
 ATTTAAACGAGATAGACCTCCCTGTTCCGCTTCCCGTGTTCCTCATCTTCGAAAAATTCATGTGATGTC  
 ACCGAAGCAGAGATCATATCATTAGGTCTACCATTTGGCAAAGTAACTAATCTTTTGATGTTGAAAGGAA  
 AAAGCCAGGCTTTCTAGAAATGGCTTCTGAGGAAGCTGCCGTTACTATGGTGAATTATTACACTCCTAT  
 TACTCCTCACCTTCGAAGCCAGCCTGTTTATATTCAAGTATTCCAATCACAGAGAACTTAAGACTGACAAT  
 CTACCTAATCAAGCTCGAGCCCAAGCTGCACTGCAGGCTGTCAAGTCCGTCGAATCAGGAAGCCTGGCCC  
 TTTCTGGAGTCTTCCAATGAAGGCACAGTCTACCTGGGCAGAGCCCTGTGCTTCAATAATTATTGA  
 AAACCTCTTTTACCCTGTACCCTGGAAGTCTTCATCAGATATTTCTAAATTTGGCACAGTCTTGAAG  
 ATTATCACCTTTACAAAGAAATATCAGTTTCAAGCCTTGCTTCAGTATGCTGACCCAGTAAATGCACATT  
 ATGCCAAATGGCTCTGGATGGCCAGAATATCTATAATGCATGCTGCACTCTGCGCATTGACTTCTCAA  
 GCTCACCAGCCTTAATGTGAATATAATAATGACAAAAGCAGAGACTTCACTCGCTTAGACCTTCTACT  
 GGTGATGGCCAGCATCCCTTGAACCCCTATGGCTGCTGCTTTTGGTGACCCGGGTATAATTTCTTAC  
 CATATGCAGGGGCTGCTGGATTGCCCCAGCCATTGGATTTCTCAAGCTACAGGTCTATCAGTTCCAGC  
 GTTCTCTGGAGCTCTTGGTCTCTCACAATCACCTCTTCTGCTGCTCACTGGAAGGATGGCCATTCTGGG  
 GCTAGTGGTATACCAGGAAATCTGTTCTACTCGTCACAAATCTCAATCCTGATCTTATCACACCACATG  
 GGCTTTTTATCCTATTTGGAGTCTATGGTGTATCATCGAGTGAAGATTATGTTTAATAAGAAAGAAAA  
 TGCCTTGGTTCAGATGGCGGATGCAATCAAGCTCAGCTAGCAATGAACCATCTAAGTGGTCAGAGACTT  
 TATGGGAAAGTGCTTCGTGCTACACTGTCCAAACATCAAGCAGTACAGCTTCTCGAGAGGGACAAGAAG  
 ACCAAGGTCTGACTAAGGATTTCAAGCAATAGTCTTTGCATCGCTTTAAAAAGCCGGGCTCTAAAACTT  
 CCAGAATATCTTTCCACCATCAGCCACTCTGCATCTTTCCAACTTCCCCTTCTGTTACAGTGGATGAT  
 CTGAAGAACCCTTTTCATAGAAGCTGGATGTTCAAGTGAAGGCTTTTAAATCTTTTCAGAAAGATCGCAAAA  
 TGGCGCTATTCAATTGGGATCTGTGGAAGAAGCAATTCAGGCCCTCATTGAGCTTCATAACCATGACCT  
 TGGAGAAAATCACCATCTCAGATTTCTTCTCAAAATCTACAATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC211812 representing NM\_005156  
 Red=Cloning site Green=Tags(s)

MDGVVTDLITVGLKRGSELLSSGIINGPFTMNSSTPSTANGNDSKKFKRDRPPCSPSRVLHLRKIPCDV  
 TEAEIISLGLPFGKVNTLLMLKGKSQAFLEMASEEAAVTMVNYTPIPHLRSQPVYIQYSNHRELKTDN  
 LPNQARAQALQAVSAVQSGSLALSGGPSNEGTVLPQSPVLRIIENLFYPTLEVHQLIFSKFGTVLK  
 IITFTKNNQFQALLQYADPVNAHYAKMALDGQNIYNACCTLRIDFSKLTSLNVKYNNDKSRDFTRLDLPT  
 GDGQPSLEPPMAAAFAGPGIISPPYAGAAGFAPAIGFPQATGLSVPAPVPGALPLTITSSAVTGRMAIPG  
 ASGIPGNSVLLVTNLNPDILTPHGLFIFGVYGDVHRVKIMFNKKENALVQMADANQAQLAMNHLSGQRL  
 YGKVLRLATLSKHQAVQLPREGQEDQGLTKDFSNSPLHRFKKPGSKNFQNIFFPSATLHLNIPPSVTVD  
 LKNLFI EAGCSVKAFKFFQKDRKMALIQLGSV EEA IQALIELHNHDLGENHHLRVFSKSTI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human

**Serotype:** AAV-2

**ACCN:** NM\_005156

**ORF Size:** 1656 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_005156.3</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>  | 2997 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 1659 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>     | 9991                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID:</b>   | <a href="#">O95758</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cytogenetics:</b> | 9q32                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>MW:</b>           | 59.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |