

## Product datasheet for **RC600060A1V**

### Human ROR2 (NM\_004560) AAV Particle

#### Product data:

|                           |                                                                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                                                                                       |
| Product Name:             | Human ROR2 (NM_004560) AAV Particle                                                                                                 |
| Tag:                      | Myc-DDK                                                                                                                             |
| Symbol:                   | ROR2                                                                                                                                |
| Synonyms:                 | BDB; BDB1; NTRKR2                                                                                                                   |
| Mammalian Cell Selection: | None                                                                                                                                |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                                                                          |
| ORF Nucleotide Sequence:  | >RC600060 representing leader sequence plus the extracellular domain region of NM_004560<br>Red=Cloning site Blue=ORF Green=Tags(s) |

GTAATACGACTCACTATAGGGCGGCCGCGAATTCGTCGACTGGATCTGGTACCGAGGAGATCCGCCGCCG  
CGATCGCC

ATGGCCCGGGGCTCGGCGCTCCCGCGGCGGCCGCTGCTGTGCATCCCGGCCGCTGGGCGGCCGCCGCGC  
TTCTGCTCTCAGTGTCCCGGACTTCAGGTGAAGTGGAGGTTCTGGATCCGAACGACCCTTTAGGACCCCT  
TGATGGGCAGGACGGCCCGATTCCAACCTCTGAAAGGTTACTTTCTGAATTTCTGGAGCCAGTAAACAAT  
ATCACCATTGTCCAAGGCCAGACGGCAATTCTGCACTGCAAGGTGGCAGGAAACCCACCCCTAACGTGC  
GGTGGCTAAAGAATGATGCCCGGTGGTGCAGGAGCCGCGCGGATCATCATCCGGAAGACAGAATATGG  
TTCACGACTGCGAATCCAGGACCTGGACACGACAGACACTGGCTACTACCAAGTGCCTGGCCACCAACGGG  
ATGAAGACCATTACCGCACTGGCGTCTGTTTGTGCGGCTGGGTCCAACGCACAGCCCAATCATAACT  
TTCAGGATGATTACCACGAGGATGGTTCTGCCAGCCTTACCGGGGAATTGCCTGTGCACGCTTCATTGG  
CAACCGGACCATTATGTGGACTCGCTTCAGATGCAGGGGAGATTGAAAACCGAATCACAGCGGCCTTC  
ACCATGATCGGCACGTCTACGCACCTGTCGGACCAAGTGTGCAGTTCGCCATCCCATCCTTCTGCCACT  
TCGTGTTTCTCTGTGCGACGCGCTCCCGGACACCAAGCCGCTGAGCTGTGCCGCGACGAGTGCGA  
GGTGTGGAGAGCGACCTGTGCCGCCAGGAGTACACCATCGCCCGCTCCAACCCGCTCATCCTCATGCGG  
CTTCAGCTGCCAAGTGTGAGGCGCTGCCATGCCTGAGAGCCCCGACGCTGCCAATGCATGCGCATTG  
GCATCCGACCCGAGAGGCTGGGCGCTACCATCAGTGCTATAACGGCTCAGGCATGGATTACAGAGGAAC  
GGCAAGCACCACCAAGTCAGGCCACCAAGTGCAGCCGTTGGGCCCTGCAGCACCCCAAGGCCACCACTG  
TCCAGCACAGACTTCCCTGAGCTTGGAGGGGGGACGCTACTGCCGGAACCCCGAGGCCAGATGGAGG  
GCCCTGGTGCTTTACGCAGAATAAAAACGTACGCATGGAAGTGTGTGACGTACCCTCGTGTAGTCCCCG  
AGACAGCAGCAAGATGGG

ACGCGTTCAGGCGACTACAAGGATGACGACGATAAGGGATCTCATCATCACCATCACCATTAA TGAGATC  
TGGTACCGATATCAAGCTTGTGACTCTAGA



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|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC600060 representing signal peptide plus the extracellular domain region of NM_004560</p> <p>Red=Cloning sites Green= DDK and 6XHIS Tags</p> <p>MARGSALPRRLLCIPAVWAAAAALLSVSRTSGEVEVLDPNPLGPLDGQDGIPTLKGYFLNFLEPVNN<br/> ITIVQGQTALHCKVAGNPPPNVRWLKNDAPVVQEPRIIRKTEYGSRLRIQDLDTDTGYYQCVATNG<br/> MKTITATGVL FVRLGPTHSPNHNFDQDYHEDGFCQPYRGIACARFIGNRTIYVDSLQMQGEIENRITAAF<br/> TMIGTSTHLSQCSQFAIPSFCHFVPLCDARSRTPKPRELCRDECEVLESCLCRQEYTIARSNPLILMR<br/> LQLPKCEALPMPESPDAANCMRIGIPAERLGRYHQCYNGSGMDYRGTAATTKSGHQCPWALQHPHSHHL<br/> SSTDFPELGGGHAYCRNPGGQMEGPWCFTQKNVMECLDVPSCSPRDSKMG</p> <p>TRSGTRSGDYKDDDDKSGSHHHHHH</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ACCN:             | NM_004560                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ORF Size:         | 1209 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Buffer:           | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Stability:        | 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.                                                                                                                                                        |
| RefSeq:           | <u>NM_004560.3, NP_004551.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RefSeq Size:      | 4099 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RefSeq ORF:       | 2832 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Locus ID:         | 4920                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UniProt ID:       | <u>Q01974</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Cytogenetics:     | 9q22.31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MW:               | 44.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |