

## Product datasheet for **RC202376A1V**

### Human ZNF408 (NM\_024741) AAV Particle

#### Product data:

|                           |                                       |
|---------------------------|---------------------------------------|
| Product Type:             | AAV Particles                         |
| Product Name:             | Human ZNF408 (NM_024741) AAV Particle |
| Tag:                      | Myc-DDK                               |
| Symbol:                   | ZNF408                                |
| Synonyms:                 | EVR6; RP72                            |
| Mammalian Cell Selection: | None                                  |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)            |



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**ORF Nucleotide  
Sequence:**

&gt;RC202376 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGGAGGCGGAGGAGCTGCTCTTGAGGGGAAGAAGGCGCTGCAACTCGCCCGAGCCGCGCTGG  
 GCCTGGACTTAGGATGGAACCTTCCGGAGAAGGCTGTACGCAGGGCCTCAAAGACGTCCACCCGAGCC  
 GACCCGAGACATCCTCGCTTTAAAGAGCCTTCCCGGGGCTTGCCCTTGCCCTCACTCGCCAAGGAA  
 CAGCGCTTGGGGTCTGGTGTGTCGGGACCCCTGCAGCCGCGCTGTGTGGGGCCGCTGGAAGAGG  
 AGTCTGCCTCAAGGAGAAGGGCGAGGAGTAAAGCCACGGCAGGAGGAGAACCTGTCTAGGCCCATG  
 GGGAGACGTGTGTGCTGTGAGCAGAGTTCTGGCTGGACTAGCTTGTACAACGGGGCAGGCTGGAGAGT  
 GAGGGAATGTGGCCCACTGCGGATCAGCGAGAGGCTTCATCTGCAAGTGTACAGCTGGTGTGCCAG  
 GCTCTGAAGTGTGTGTGGCCCACTTCTCTGAGGGCCCAAGTCTACCCAGCCTGGGCTGGACAA  
 AGAGGCAGCTGTAGCAGTGGTGACAGAAGTGGAGTCTGTGTACAGCAGGAAGTGGCCTCCCTGGGAG  
 GATGCAGCAGAACCTTGATAGATCCTGGTTCCAGTCAACCTCTGGCATCCAGGAGAGAAATATGGTGA  
 GCCCTGGACTTAAGTTCCCAACCCAGGACCGAATTTCCAGGATAGCCAGCCACTTGCCCATTTGCTTCA  
 GGATGGCGACGTGGATGAGGAATGCCCGGCCAGGCACAGATGCCACCTGAACCTCAGAGCAATTCGGCT  
 ACCCAGCAGGACCCAGATGGCAGTGGAGCCAGTTTCTCATCTTCTGCCAGGGGACCCAGCCGATGGCT  
 ACCTGGCCAAGAAGTTACACAGCCCCAGTGATCAGTGCCACCCAGAGCAAAGACCCAGAGCCTGGAGC  
 CCAGCAGTCTGGCTTCCCTACACTCTCGGGAGCCCTCTGGCCAGCAGGAAGTCCCAAAGCAGGGG  
 CGACGGTACCGGTGTGGAGAGTGTGGCAAGGCATTCTACAGCTGTGCCACCTAAAGAAGCAGCATTG  
 TGCACACGGGGCACAAGCCCTTCTTTGCACTGAGTGTGGCAAGAGCTATAGCTCAGAGGAGAGCTTCAA  
 AGCCCATATGCTGGGCCACCGTGGGGTGCAGCCCTTCCCTGTCCACAATGCGACAAGGCCTATGGCACC  
 CAGCGAGACCTCAAAGAGCACCAGGTGGTACATTACAGGTGCCCGGCCCTTGTGTGACCAAGTGTGGCA  
 AGGCCTTTGCCCGCCGCCCTCCCTGCGGCTGCATCGCAAGACCCACCAGGTGCCAGTGGCCCTGCCCC  
 TTGCCCATGCCCTGTGTGTGGGCGGCCCTGGCCAACCAGGGCTCCCTGCGGAACCATATGAGGCTCCAT  
 ACAGGAGAAAAGCCTTCTGTGCCCGCACTGTGGCCGGGCGTTTCGTACGCGGGGCAACCTGCGTGGGC  
 ATTTGCGGCTCCACACCGGGGAGCGTCTTACCGCTGCCCACTGTGCCGATGCCTTCCCCAGCTGCC  
 TGAAGTCCGGCGCCATCTCATCTCACACACCGGGGAGGCCACTTGTGCCGGTGTGTGGCAAGGCCCTC  
 CGAGACCCACACAGCTCCGAGCTCACGAGCGCTGCACTCCGAGAGAGGCCCTTCCCTGTCCCAGT  
 GTGGCCGTGCTTACAGCTGGCCACCAAGCTGCGGCGCCACCTCAAATCTCACTTGGAGGACAAGCCCTA  
 CCGCTGCCCCACCTGTGGCATGGGTACACCTCCCGCAGAGCCTCAGGCGGCATCAGCTCAGTACCCGG  
 CCTGAGGCACCTGCAGCCACCTCTGTGCCTTCTGTGCTTCTGAGCCCACTGTGGTGTCTCTGCAGG  
 CTGAGCCACAAGTGTGGACACACAGAGAGGAGGAAGTCTCCCCGCCAGGGATGTTGTTGAGGTAC  
 CATTTCAGAAAGCCAGGAGAAGTGTCTTGTGGTGCCAGAGGAGCCAGATGCCGCCCCAGCCTGGTGCTA  
 ATCCATAAGGACATGGCCTCGGCGCCTGGGCAGAGGTGGTGGAGGTGGAGATGGGCACC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC202376 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MEEAEELLLEGKKALQLAREPRLGLDLGNWPSGEGCTQGLKDVPEPTRDILALKSLPRGLALGPSLAKE<br/> QRLGVWCVGDPLQPGLLWGPLEEESASKEKGEVVKPRQEENLSLGPWGDVCACEQSSGWTSLVQGRLES<br/> EGNVAPVRI SERLHLQVYQLVLPGSELLLPQPSSEGPSLTQPLDKEAAVAVVTEVESAVQQEVASPG<br/> DAAEPCIDPGSQSPSGIQAENMVSPGLKFPTQDRISKDSQPLGPLLQDGDVDEECPAQAQMPELQSN<br/> TQQDPDGSASFSSSARGTQPHGYLAKKLHSPSDQCPRAKTPEPGAQQSGFPTLSRSPGPAGSSPKQ<br/> RRYRCGECGKAFLQLCHLKKHAFVHTGHPFLCTECGKSYSSEESFKAHMLGHRGVRPFPCPCQCDKAYGT<br/> QRDLKEHQVVHSGARPFACDQCGKAFARRPSRLRHRKTHQVPAAPAPCPCPVCGRPLANQGLRNHMLRH<br/> TGEKPFLLCPHCGRFRQGNLRGHLRLHTGERPYRCPHCADAFQPLPELRRHLISHTGEAHLCPVCGKAL<br/> RDPHTLRAHERLHSGERPFPQCGRAYTLATKLRRHLKSHLEDKPYRCPTCGMGYTL PQSLRRHQLSHR<br/> PEAPCSPPSVPSAASEPTVLLQAEPQLLDTHREEEVSPARDVVEVTISESQEKCFVVEEPDAAPSLVL<br/> IHKDMGLGAWAEVVEVEMGT</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ACCN:             | NM_024741                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ORF Size:         | 2160 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Buffer:           | PBS with 0.001% Pluronic F5324                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 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_024741.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RefSeq Size:      | 2507 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| RefSeq ORF:       | 2163 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Locus ID:         | 79797                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| UniProt ID:       | <u>Q9H9D4</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Cytogenetics:     | 11p11.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MW:               | 78.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |