

## Product datasheet for **RC209971A1V**

### Human ZADH2 (NM\_175907) AAV Particle

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                     |
| Product Name:             | Human ZADH2 (NM_175907) AAV Particle                              |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | ZADH2                                                             |
| Synonyms:                 | PRG-3                                                             |
| Mammalian Cell Selection: | None                                                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                        |
| ORF Nucleotide Sequence:  | >RC209971 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGCTGCGGCTGGTGCCACCGGGGCCCGGGCCATCGTGGACATGTCGTACGCCCGCCACTTCTGGACT  
TCCAGGGCTCCGCCATCCCCAAGCCATGCAGAAGCTGGTGGTGACCCGGCTGAGCCCCAACTTCCGCGA  
GGCCGTCAACCTGAGCCGGGACTGCCCGGTGCCGCTCCCGGGGACGGAGACCTCCTCGTCCGGAACCGA  
TTTGTGGTGTAAATGCATCTGACATCAACTATTCAGCAGGCCGCTATGACCCCTCAGTTAAGCCTCCCT  
TTGACATAGGTTTGAAGGCATTGGGGAGGTGGTGGCCCTAGGCCTCTCTGCTAGTGCCAGATACACAGT  
TGGCCAAGCTGTGGCTTACATGGCACCTGGTCTTTTGCTGAGTACACAGTTGTGCTGCCAGCATTGCA  
ACTCCAGTGCCCTCAGTGAAACCCGAGTATCTTACCCTGCTGGTAAGTGGCACCACCGCATACATCAGCC  
TGAAAGAGCTCGGAGGACTGTCGGAAGGGAAAAAAGTTTGGTGACAGCAGCAGCTGGGGAAACGGGCCA  
GTTTGCCATGCAGCTTCAAAGAAGGCAAGTGCCATGTAATTGGAACCTGCTCTTCTGATGAAAAGTCT  
GCTTTTCTGAAATCTCTGGCTGTGATCGTCTATCAACTATAAACTGAACCCGTAGGTACCGTCTTA  
AGCAGGAGTACCCTGAAGGTGTCGATGTGGTCTATGAATCTGTTGGGGAGCCATGTTTGACTTGGCTGT  
AGACGCCCTGGCTACGAAAGGGCGCTTGATAGTAATAGGTTTATCTCTGGCTACCAAACCTCTACTGGC  
CTTTCGCTGTGAAAGCAGGAACATTGCCAGCCAACTGCTCAAGAAATCTGCCAGCGTACAGGGCTTCT  
TCCTGAACATTACCTTTCTAAGTATCAAGCAGCCATGAGCCACTTGCTCGAGATGTGTGTGAGCGGAGA  
CCTGGTTTGTGAGGTGGACCTTGAGATCTGTCTCCAGAGGGCAGGTTTACTGGCTGGAGTCCATATTC  
CGTGCTGTCAATTATGTACATGGGAAAAAAGCTGGAAAAATTGTAGTTGAATTACCTCACTCTGTCA  
ACAGTAAGCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC209971 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MLRLVPTGARAIVDMSYARHFLDFQGS AIPQAMQKL VVTRLSPNFREAVTL SRDCPVPLPGDGDLLVRNR<br/> FVG VNASDINYSAGRYDPSVKPPFDIGFEGIGEVVALGLSASARYTVGQAVAYMAPGSFAEYTVVPASIA<br/> TPVPSVKPEYL TLLVSGTTAYISLKELGGLSEGKKVLVTAAAGGTGQFAMQLSKKAKCHVIGTCSSDEKS<br/> AFLKSLGCDRPIN YKTEPVGTVLKQEYPEGVDV VYESVGGAMFDLAVDALATKGRLIVIGFISGYQTPTG<br/> LSPVKAGTLPAKLLKKSASVQGF LNHYL SKYQAAMSHLLEMCVSGDLVCEVDLGDLSPEGRFTGLESIF<br/> RAVNYMYMGKNTGKIVVELPHSVNSKL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| ACCN:             | NM_175907                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ORF Size:         | 1131 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:           | <a href="#">NM_175907.3</a> , <a href="#">NP_787103.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RefSeq Size:      | 5495 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RefSeq ORF:       | 1134 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Locus ID:         | 284273                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| UniProt ID:       | <a href="#">Q8N4Q0</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Cytogenetics:     | 18q22.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MW:               | 40.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |