

## Product datasheet for **RC201025A1V**

### Human ZDHC9 (NM\_016032) AAV Particle

#### Product data:

|                |                                                             |
|----------------|-------------------------------------------------------------|
| Product Type:  | AAV Particles                                               |
| Tag:           | Myc-DDK                                                     |
| Symbol:        | ZDHC9                                                       |
| Synonyms:      | CGI89; CXorf11; DHHC9; MMSA1; MRXSZ; ZDHC10; ZNF379; ZNF380 |
| Mammalian Cell | None                                                        |
| Selection:     |                                                             |
| Vector:        | pAAV-AC-Myc-DDK (PS100089)                                  |

**ORF Nucleotide Sequence:** >RC201025 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**

ATGCTGTGATGGTGGTGAGAAAGAAGGTGACACGAAATGGGAGAACTCCCAGGCAGGAACACCTTTT  
GCTGTGATGGCCGCGTCATGATGGCCCGGCAAAAGGGCATTCTACCTGACCTTTTCCTCATCTGGG  
GACATGTACACTCTTCTCGCCTTTGAGTGCCGCTACCTGGCTGTTGAGCTGTCTCCTGCCATCCCTGTA  
TTTGCTGCCATGCTCTTCTTTCTCCATGGCTACACTGTTGAGGACCAGCTTCAGTGACCTGGAGTGA  
TTCTCGGGCGCTACCAGATGAAGCAGCTTTCATAGAAATGGAGATAGAAGCTACCAATGGTGCGGTGCC  
CCAGGGCCAGCGACCAACCGCTCGTATCAAGAATTTCCAGATAAACAACCAGATTGTGAACTGAATAC  
TGTTACACATGCAAGATCTTCGGCCTCCCGGGCCTCCATTGCAGCATCTGTGACAACCTGTGTGGAGC  
GCTTCGACCATCACTGCCCTGGGTGGGAATTGTGTTGAAAGAGGAACCTACCGCTACTTCTACCTCTT  
CATCTTTCTCTCCCTCCTCACAATCTATGTCTCGCCTCAACATCGTCTATGTGGCCTCAAATCT  
TTGAAATTGGCTTCTGGAGACATTGAAAGAACTCCTGGAAGTCTTAGAAGTCTCATTGCTTCT  
TTACACTCTGGTCCGTCGTGGGACTGACTGGATTTCATACTTTCTCGTGGCTCTCAACCAGACAACAA  
TGAAGACATCAAAGGATCATGGACAGGGAAGAATCGCGTCCAGAATCCCTACAGCCATGGCAATATTGTG  
AAGAACTGCTGTGAAGTGTGTGTGGCCCTTGCCCCCAGTGTCTGGATCGAAGGGGTATTTGCCAC  
TGGAGGAAAGTGAAGTCGACCTCCAGTACTCAAGAGACCAGTAGCAGCCTTTGCCACAGAGCCCAGC  
CCCCACAGAACCTGAACTCAAATGAGATGCCGGAGGACAGCAGCACTCCCGAAGAGATGCCACCTCCA  
GAGCCCCAGAGCCACCACAGGAGGAGCTGAAGCTGAGAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC201025 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MSVMVVRKKVTRKWEKLPGRNTFCCDGRVMMARQKGIFYLTLFLILGTCTLFFAFECRYLAVQLSPAIPV<br/> FAAMLFLFSMATLLRTSFSDPGVIPRALPDEAAFIEMEIEATNGAVPQGQRPPPRIKNFQINNQIVKLKY<br/> CYTCKIFRPPRASHCSICDNCVERFDHHCWPVGNVCVGRNRYFYLFILSLSLTIYVFAFNIVYVALKS<br/> LKIGFLETCLKETPGTVLEVLICFFTLWSVVGLTGFHTFLVALNQTTNEDIKGSWTGKNRVQNPYSHGNIV<br/> KNCCEVLCGPLPPSVLDRRGILPLEESGRPPSTQETSSSLPQSPAPTEHLNSNEMPEDSSTPEEMPPP<br/> EPPEPPQEAAEAEK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ACCN:</b>             | NM_016032                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ORF Size:</b>         | 1092 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_016032.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>RefSeq Size:</b>      | 4619 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq ORF:</b>       | 1095 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Locus ID:</b>         | 51114                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID:</b>       | <u>Q9Y397</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Cytogenetics:</b>     | Xq26.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>MW:</b>               | 40.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |