

## Product datasheet for **RC216400A1V**

### Human ZNF396 (NM\_145756) AAV Particle

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                               |
| Product Name:             | Human ZNF396 (NM_145756) AAV Particle                                       |
| Tag:                      | Myc-DDK                                                                     |
| Symbol:                   | ZNF396                                                                      |
| Synonyms:                 | ZSCAN14                                                                     |
| Mammalian Cell Selection: | None                                                                        |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                  |
| ORF Nucleotide Sequence:  | >RC216400 representing NM_145756<br>Red=Cloning site Blue=ORF Green=Tags(s) |

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGCTCTGCAAAATTGGGAAAGTCATCATCACTCCTAACACAACTTCAGAGGAGTGTAATGGGATTCTGA  
CAGAGAAGATGGAAGAGGAAGAGCAGACCTGTGATCCAGACTCTAGCCTCCACTGGAGCAGCAGCTACAG  
CCCAGAGACCTTCCGCCAGCAATTCAGGCAGTTTGGCTACCAGGATTCACCTGGGCCCATGAGGCTCTG  
AGCCGGCTCTGGGAACCTTGTCTCTCTGGCTGAGGCCGGAAGTGCACACCAAGGAGCAGATCCTGGAGC  
TGCTGGTGTCTGGAGCAGTTCTTGCCATCCTCCAAAAGAGCTTCAGGCCTGGGTGCAGAAGCATCATCC  
AGAGAATGGAGAGGAACTGTGACTATGCTGGAGGATGTGGAGAGAGAGCTTGATGGACCAAGCAGATC  
TTTTTTGGACGAAGGAAGGACATGATTGCAGAGAAGCTAGCACCTTCAGAAATCACTGAGGAATTGCCAA  
GTAGCCAGCTCATGCCCGTGAAGAAGCAGCTCCAGGGAGCATCATGGGAGCTTCAGTCTTAAGACCACA  
TGATGAAGACATCAAACTACAAATGTGAAATCTGCTTCAAGGCAAAAGACTTCTTTAGGCATAGAACTG  
CATTGCAATGTTTCCAATATCCTTCATATGAATGGCTCCAGAGTTCACATATAGAGGAACCTATGAAC  
AAGATGGTAGGTTTGAAGAGACAAGGAAACCCTTCTTGAAAAACAACAGAAATGTGATGAATGTGG  
CAAAATCTTTAGTCAGAGCTCAGCCCTTATTTTACATCAGAGAATCCACAGTGGAAGAAACCTTATGCA  
TGTGACGAGTGTGCAAGGCATTAGCCGAAGCGCAATTCTGATTGAGCATCGACGAACCCATACTGATT  
CAAAATATGAACATGCGATTGCAGAGGCCCAAAAGAATATGTACTTCAAGACTAGGCTGAAGTGCCCGAG  
GTCACCTTCAGGAGGCAGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC216400 representing NM_145756</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MSAKLGKSSLLTQTSEECNGILTEKMEEEEQTCDDSSSLHWSSSYSPETFRQQFRQFGYQDSPGPHEAL<br/> SRLWELCHLWLRPEVHTKEQILELLVLEQFLAILPKELQAWVQKHHHPENGEETVTMLLEDVERELDGPQI<br/> FFGRRKDMIAEKLAPSEITEELPSSQLMPVKKQLQGASWELQSLRPHDEDIKTTNVKSASRQKTSLGIEL<br/> HCNVSNILHMNGSQSSTYRGTYEQDGRFEKRGQGNPSWKKQKQKCECGKIFSQSSALILHQRIHSGKKPYA<br/> CDECAKAFSRSAILIQHRRTHTD SKYEHAIAEAQKNMYFKTRLKCPRLSGGR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ACCN:             | NM_145756                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ORF Size:         | 999 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_145756.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RefSeq Size:      | 2788 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| RefSeq ORF:       | 1002 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Locus ID:         | 252884                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| UniProt ID:       | <u>Q96N95</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Cytogenetics:     | 18q12.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MW:               | 38.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |