

## Product datasheet for **RC219307A1V**

### Human C17orf53 (NM\_024032) AAV Particle

#### Product data:

|                           |                                         |
|---------------------------|-----------------------------------------|
| Product Type:             | AAV Particles                           |
| Product Name:             | Human C17orf53 (NM_024032) AAV Particle |
| Tag:                      | Myc-DDK                                 |
| Symbol:                   | C17orf53                                |
| Synonyms:                 | C17orf53; MCM8IP                        |
| Mammalian Cell Selection: | None                                    |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)              |



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**ORF Nucleotide  
Sequence:**

>RC219307 representing NM\_024032  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGTGCAGTTTGCAGAAGCTGTTTGTGTGGAAGAGGAGTTGAAGATGAGGATTTCTTGTCTGCTG  
 TGGAGGATGCAGAGAACCGTTTACTGGCTCACTGCCTGTGAATGCTGGGCGCCTGAGACCTGTCTCTTC  
 TAGGCCACAGGAGACTGTGCAGGCACAGTCCTCCAGGCTGCTGCTGTTACACCCCACTGTCCCTCAGAG  
 GCTTTGGGCTGCCAGACTTGGACCTCTGCCTCCCTGCCTCCAGCACGCCAGTGTGACAGCCGTCCAT  
 CATGCATAGGAGCAGCTCCCCTAAGGCCTGTCTCTACTTCCAGCAGCTGGATTGGCAATCAGAGAAGAGT  
 GACAGTGACAGAAGTGTCTCAGAGAGACAGCAAGACCTCAGTCCTCAGCCTTACACCCCTACTCACCTTT  
 GAGAGCCAACAGCAGCAAGTTGGTGGCTTTGAGGGCCTGAACAAGACGAATTTGATAAAGTCTGGCAA  
 GCATGGAGTTGGAGGAGCCTGGCATGGAGCTGGAATGTGGAGTCAGCAGTGAGGCCATACCAATCCTGCC  
 TGCCACAGCAGCGGAGGGTTCACTATTGGCTAAAAAGCCCGGTAGTTGATCTGAGTGGATCTTGCCAG  
 AAGGGGCTGTGCCTGCCATCCACAAAGCGGTATCATGTCCGCCAGGATGAGTCTCTAGATCCTGTCA  
 TCCAATGTAGGACTCCACGACCCCCCTTGAGACCTGGTGTGTGGGTACCTTCTGTTCCAACCTGCCTT  
 AACAGTTCCTCACTCAGCAACTCCACTGGGAAGTCTGTCCGCAACGCTCCCTGTTCAAGCACTTCAGCCT  
 CTCCAAGCTGTAGAGGGACCATTCAGAGCAGCCCTCAAAATCGTTTCCCTTGTGAGCCATTCCAGTCTC  
 CAAGTTCCTGGTTAAGTGGCAAAGCTCATTTACCCAGACCTCGAACTCCCACTCAAGCTGTTCTACTCC  
 CTCAAGGACTAGCTCTGGATTATTTCTCGGATACCTTACAACCGCAAGCTCCAGTGTCTTCCATTGGG  
 TCTCCTGTTGGTACCCAAAAGTCCCCAGGGAGCTCTGCAGACACCCATAGTCACCAACCACCTGGTGC  
 AGCTAGTCACTGCTGCCAGCCGACACCCAGCAGCCACCCATCCCTCCACCGAGCCAAAACCTGCGCG  
 TTTCCCTGGCCAGCTGGGATCCTGCCTCACCAGCAGAGTGGGAGAAGTCTGGAGGACATCATGGTTTCC  
 GCGCCCCAACTCCAACCATGGTGTCTGGCTAAATTCAGACAGAGATTGTTGCTAGTTCACAGGCAT  
 CTGTGGAGGAGGATTTTGGGCGAGGGCCCTGGCTGACCATGAAATCCACGCTAGGCCTGGATGAGAGAGA  
 CCCTAGCTGCTTCTCTGTACCTACAGCATTGTCATGGTGTGCGCAAGCAGGCAGCCCTGAAGCAGCTT  
 CCTAGGAACAAGTCCCCAATGCGGTGATGATCAAGTCCCTGACTCGGAGCACAATGGACGCCAGTG  
 TGGTTTTCAAGGACCCACGGGAGAGATGCAGGGGACGGTGCACAGTTGCTGCTGGAGACGTGCCAGAA  
 TGAGCTGAAGCCTGGCTCAGTGTGCTGCTGAAGCAGATTGGAGTGTCTTCTCTTCACTTCGAAATCAC  
 TACCTCAACGTGACACCAACAACCTGGTCCATATTTACAGCCCGGATTCTGGGATGGGAGCTTCTCA  
 AGCCATCTCAGCCCTTCCCCAAGGATTCAGGGAGCTTCCAGCATGATGTGGCTGCAAAGCCCGAGGAAGG  
 CTTCAGAACAGCACAGAACCTAGAGGCAGAGGCGTCCCCTGAGGAAGAACTCCAGAAAGCAGATGACCTG  
 GATGGACTCCTGAGTGAGCTTCTGAAGACTTCTTCTGTGGGACCACTAGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC219307 representing NM_024032</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MACSLQKLFAVEEEFEDEDFLSAVEDAENRFTGSLPVNAGRLRPVSSRPQETVQAQSSRLLLLHPTAPSE<br/> ALGLPDLCLPASSTPSADSRPSCIGAAPLRPVSTSSWIGNQRRVTVEVLRETARPQSSALHPLLTF<br/> ESQQQQVGGFEGPEQDEFDKVLASMELEEPGMELECGVSSEAIPILPAQQREGSVLAKKARVVDLSGSCQ<br/> KGPVPAIHKAGIMSAQDES LDPVIQCRTPRPPLRPGAVGHLVPPTALTVP TQQLHWEVCPQRSPVQALQP<br/> LQAARGTIQSSPQNRFPQPFQSPSSWLSGKAHLPRPRTPNSSCSTPSRTSSGLFPRIPLQPQAPVSSIG<br/> SPVGTPTKGPQGALQTPITVTHNLVQLVTAASRTPQQPTHPSTRAKTRRFPGAGILPHQQSGRSLEDIMVS<br/> APQTPTHGALAKFQTEIVASSQASVEEDFGRGPWLTMKSTLGLDERDPSCFLCTYSIVMLRKQAALKQL<br/> PRNKVPNMAVMIKSLTRSTMDASVVFQDPTGEMQGTVHRLLETCQNELKPGSVLLLKQIGVFSPLRNH<br/> YLNVTNNLVHIYSPDSGDGSLKPSQPFKDSGSFQHDVAAKPEEGFRTAQNLAEASPEEELPEADDL<br/> DGLLSELPEDFFCGTSS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ACCN:             | NM_024032                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| ORF Size:         | 1941 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Buffer:           | PBS with 0.001% Pluronic F7976                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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_024032.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RefSeq Size:      | 2727 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RefSeq ORF:       | 1944 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Locus ID:         | 78995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UniProt ID:       | <a href="#">Q8N3J3</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Cytogenetics:     | 17q21.31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MW:               | 69.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |