

## Product datasheet for **RC221894A1V**

### Human PHF19 (NM\_015651) AAV Particle

#### Product data:

|                           |                                      |
|---------------------------|--------------------------------------|
| Product Type:             | AAV Particles                        |
| Product Name:             | Human PHF19 (NM_015651) AAV Particle |
| Tag:                      | Myc-DDK                              |
| Symbol:                   | PHF19                                |
| Synonyms:                 | MTF2L1; PCL3; TDRD19B                |
| Mammalian Cell Selection: | None                                 |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)           |



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## ORF Nucleotide Sequence:

>RC221894 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGGAGAATCGAGCTCTGGATCCAGGGACTCGGGACTCCTATGGTGCCACCAGCCACCTCCCCAACAAGG  
 GGGCCCTGGCGAAGGTCAAGAACAACCTCAAAGACTTGATGTCCAACTGACGGAGGGCCAGTATGTGCT  
 GTGCCGGTGGACAGATGGCCTGTACTACCTCGGGAAGATCAAGAGGGTCAAGCAGCTCTAAGCAAAGCTGC  
 CTCGTGACTTTTGAAGATAATTCCAATACTGGGTCTATGGAAGGACATACAGCATGCCGGTGTTCAG  
 GAGAGGAGCCCAAGTGAACATCTGCCTAGGGAAGACATCAGGGCCGCTGAATGAGATCCTCATCTGCGG  
 GAAGTGTGGCTGGGTTACCACCAGCAGTGCCACATCCCATAGCGGCGAGTGTGACGAGCCCTGCTC  
 ACACCTTGGTTCTGCCGACGCTGCATCTTCGCACTGGTGTGCGGAAAGCGGCGCTGAAGAAGGGCG  
 CCATCGCCAGGACGCTGCAGGCCGTGAAGATGGTGTCTCTACCAGCCGAGGAGCTCAGTGGGACTC  
 GCCCCATCGACCAACCAGCAGCAATGCTACTGCTACTGCGGCGGGCCCGAGAATGGTACCTGCGGATG  
 CTGCAATGTTACCGGTGCAGGCACTGGTTCACGAGGCCTGCACCCAGTGCCTCAATGAGCCCATGATGT  
 TTGGAGACCGGTTTTACCTGTTCTTCTGCTCCGTGTGTAACCAGGGCCAGAGTACATCGAGAGGCTGCC  
 CCTGCGATGGGTGGATGTGGTTACCTGGCCCTCTATAATCTGGGGGTACAGAGCAAGAAGAAGTACTTT  
 GACTTTGAGGAGATTCTGGCCTTTGTCAACCACCACTGGGAGCTCCTGCAGCTTGGCAAGCTCACCAGCA  
 CCCCAGTGACAGATCGAGGACCACATCTCCTCAACGCTCTGAACAGTTATAAAAGCCGGTTCTCTGCGG  
 CAAGGAGATCAAGAAGAAGAAGTGCATCTTCCGCTGCGCATCCGCTCCACCCAACCCGCCAGGGAAG  
 CTGCTGCCTGACAAAGGACTGCTGCCAAATGAGAACAGCGCCTCCTCTGAGCTGCGTAAGAGAGGAAAGA  
 GCAAGCCTGGTTTGTTCCTCACGAATCCAGCAGCAGAAAAGCGAGTTTATAGAAGAAAAAGATCAAA  
 GTTTTTGCTGGAAGATGCTATTTCCAGTAGTGACTTCACCTCAGCCTGGAGACCAACCAACCCACCTGGCT  
 AGCATATTTGACTTCACGCTGGATGAAATTCAAAGTTTAAAAAGTGCCAGCTCAGGCCAGACCTTCTTCT  
 CAGATGTCGACTCCACGACGCTGCCAGCACCTCTGGCTCTGCCTCCACGACCTCTCCTATGACTCCAG  
 ATGGACAGTGGGCGAGCCGAAAGAGGAAGCTGGCAGCCAAGGCATACATGCCCCTGCGGGCAAAGCGGTG  
 GCAGCTGAGCTGGATGGACGCTGCCCTCGGACAGCAGTGCAGAGGGGGCTTCACTCCCGAGCGGCCAG  
 ACGAAGGCATTGACAGCCACACATTTGAGAGCATCAGTGAAGTACTCATCCCTGTCCACCTCAAGTC  
 ATCTATACCAACTACTTTGGTGCAGCTGGGCGGTTGGCTGTGGGAGAAGTACCAGGTGTTGGCTCGG  
 AGGGTCACACCTGAGGGCAAGGTTCACTACCTGGTGGAGTGGGAAGGGACCAACCCCTTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

## Protein Sequence:

>RC221894 protein sequence  
 Red=Cloning site Green=Tags(s)

MENRALDPGTRDSYGATSHLPNKGALAKVKNFKDLMSKLTGQYVLCRWDGLYYLGKIKRVSSSKQSC  
 LVTFFEDNSKYWVWLDIQHAGVPGEEPKNICLGKTSGLNEILICGKCLGYHQCHIQIPIAGSADQPLL  
 TPWFRCRRCIFALAVRKGKALKKGAIAARTLQAVKMLVSYQPEELEWDSPHRTNQQCQCYPGGEWYLRM  
 LQCYRCRQWFHEACTQCLNEPMMFGRFYLFCSVCNQGPYIERLPLRWVDVVHLALYNLGVQSKKKYF  
 DFEEILAFVNHHEWELLQLGKLTSTPVTDRGPHLLNALNSYKSRFLCGKEIKKKKCFRLRIRVPPNPPGK  
 LLPDKGLLPNENSASSELKRKSKPGLLPHEFQQKRRVYRRKRSKFLLEDAIPSSDFTSAWSTNHHLA  
 SIFDFTLDEIQSLKSASSGQTFSDVDSTDAASTSGSASTSLSYDSRWTVGSRKRKLAAYMPLRAKRW  
 AAELDGRCPDSSAEGASVPERPDEGIDSHTFESISEDDSSLHLKSSITNYFGAAGRLACGEKYQVLAR  
 RVTPEGKVQYLVEWEGTTPY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

## Species:

Human

## Serotype:

AAV-2

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACCN:         | NM_015651                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:     | 1740 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Buffer:       | PBS with 0.001% Pluronic F8412                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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_015651.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:  | 4310 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 1743 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:     | 26147                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt ID:   | <u>Q5T6S3</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 9q33.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MW:           | 65.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |