

## Product datasheet for **RC203773A1V**

### Human TFAP4 (NM\_003223) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human TFAP4 (NM\_003223) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** TFAP4  
**Synonyms:** AP-4; bHLHc41  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC203773 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGAGTATTTTCATGGTGCCCACTCAGAAGGTGCCCTCTTTGCAACATTTTCAGGAAAACAGAGAAAGAAG  
TGATAGGAGGGCTCTGTAGCCTTGCCAACTTCCACTAACCCCGAGACTCAGCGGGACCAGGAGCGGCG  
GATTCGGCGGGAGATCGCCAACAGCAACGAGCGGAGACGCATGCAGAGCATCAACGCGGGATTCCAGTCC  
CTCAAGACCTCATCCCCACACAGACGAGAGAGAAGCTCAGCAAGGCAGCCATTCTCCAGCAGACAGCCG  
AGTACATCTTCTCCCTGGAGCAGGAGAAGACCAGGCTCTTGAGCAGAACACACAGCTCAAGCGTTTCAT  
CCAGGAGCTGAGCGGCTCGTCCCCAAGCGACGGCGGGCAGAGGACAAGGACGAAGGCATAGGCTCCCCG  
GACATCTGGGAGGACGAGAAGGCGGAGGACCTGCGGCGGGAGATGATTGAGCTGCGGCAGCAGCTGGACA  
AGGAGCGCTCGGTGCGCATGATGCTGGAGGAGCAGGTGCGCTCGCTGGAGGCCACATGTACCGGAAAA  
GCTCAAGGTGATTGCGCAGCAGGTGCAGCTGCAGCAGCAGGAAACAGGTGAGGCTGCTGCACCAGGAG  
AAGCTGGAGCGGGAACAGCAGCAGCTGCGGACCCAGCTTCTGCCCCCTCCGGCCCCACCCACACCCCA  
CGGTGATCGTGCCAGCACCGCTCCTCCTCCCTCCACCACATCAATGTCGTACCATGGGCCCTCCTC  
GGTCATCAACTCTGTTTCCACATCCCGCAAAATCTGGACACCATCGTGAGGCAATCCAGCACATCGAG  
GGCACCCAGGAAAAGCAGGAGCTGGAGGAGGAGCAGCGGCGAGCTGTCATCGTGAAGCCTGTCCGAGCT  
GCCCGGAGGCCCCACCTCTGACACCGCTCCGACTCCGAGGCCTCAGACAGTGACGCCATGGACCAGAG  
CCGGGAGGAGCCGTGGGGGACGGGAGCTTCCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC203773 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MEYFMVPTQKVPSLQHFRKTEKEVIGGLCSLANIPLTPETQRDQERRIRREIANSNERRRMQSINAGFQS<br/> LKTLPHTDGEKLSKAAILQQTAEYIFSLEQEKTRLLQNTQLKRFIQELSGSSPKRRRAEDKDEGIGSP<br/> DIWEDEKAEDLRREMIELRQQLDKERSVRMMLEEQVRSLEAHMYPEKLKVIAQQVQLQQQEQVRLLHQE<br/> KLEREQQQLRTQLLPPAPTHHPTVIVPAPPPPSHHINVTMGPSVINSVSTSRQNLDTIVQAIQHIE<br/> GTQEQELEEEQRRAVIVKPVRSCEAPTSDTASDSEASDSDAMDQSREEPSGDGELP</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| ACCN:             | NM_003223                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| ORF Size:         | 1014 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_003223.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RefSeq Size:      | 2147 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RefSeq ORF:       | 1017 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Locus ID:         | 7023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt ID:       | <u>Q01664</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Cytogenetics:     | 16p13.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MW:               | 38.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |