

## Product datasheet for **RC208013A1V**

### Human p63 (TP63) (NM\_003722) AAV Particle

#### Product data:

|                           |                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                                                                        |
| Product Name:             | Human p63 (TP63) (NM_003722) AAV Particle                                                                            |
| Tag:                      | Myc-DDK                                                                                                              |
| Symbol:                   | TP63                                                                                                                 |
| Synonyms:                 | AIS; B(p51A); B(p51B); EEC3; KET; LMS; NBP; OFC8; p40; p51; p53CP; p63; p73H; p73L; RHS; SHFM4; TP53CP; TP53L; TP73L |
| Mammalian Cell Selection: | None                                                                                                                 |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                                                           |



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**ORF Nucleotide  
Sequence:**

&gt;RC208013 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

 ATGAATTTTGAACTTCACGGTGTGCCACCCTACAGTACTGCCCTGACCCTTACATCCAGCGTTTCGTAG  
AAACCCAGCTCATTTCTCTGGAAAGAAAGTTATTACCGATCCACCATGTCCCAGAGCACACAGACAAA  
TGAATTCCTCAGTCCAGAGGTTTTCCAGCATATCTGGGATTTTCTGGAACAGCCTATATGTTTCAGTTCAG  
CCCATTGACTTGAACTTTGTGGATGAACCATCAGAAGATGGTGCAGACAAACAAGATTGAGATTAGCATGG  
ACTGTATCCGCATGCAGGACTCGGACCTGAGTGACCCCATGTGGCCACAGTACACGAACCTGGGGCTCCT  
GAACAGCATGGACCAGCAGATTGAGAACGGCTCCTCGTCCACCAGTCCCTATAACACAGACCACGCGCAG  
AACAGCGTCACGGCGCCCTCGCCCTACGCACAGCCAGCTCCACCTTCGATGCTCTCTCCATCACCCG  
CCATCCCTCCAACACCGACTACCCAGGCCCGCACAGTTTCGACGTGCTCTCCAGCAGTCGAGCACCCG  
CAAGTCGGCCACCTGGACGTATCCACTGAACTGAAGAACTCTACTGCCAAATTGCAAAGACATGCCCC  
ATCCAGATCAAGGTGATGACCCACCTCCTCAGGGAGCTGTTATCCGCGCCATGCCTGTCTACAAAAAG  
CTGAGCACGTACGGAGGTGGTGAAGCGGTGCCCAACCATGAGCTGAGCCGTGAATTCAACGAGGGACA  
GATTGCCCTCCTAGTCATTTGATTGAGTAGAGGGGAACAGCCATGCCAGTATGTAGAAGATCCCATC  
ACAGGAAGACAGAGTGTGCTGGTACCTTATGAGCCACCCAGGTTGGCACTGAATTCACGACAGTCTTGT  
ACAATTCATGTGTAACAGCAGTTGTGTTGGAGGGATGAACCGCCGTCGAATTTAATCATTGTTACTCT  
GGAAACCAGAGATGGGCAAGTCTGGGCCGACGCTGCTTTGAGGCCGGATCTGTGCTTGCCAGGAAGA  
GACAGGAAGGCGGATGAAGATAGCATCAGAAAGCAGCAAGTTTCGGACAGTACAAAGAACGGTGATGGTA  
CGAAGCGCCCGTTTCGTCAGAACACACATGGTATCCAGATGACATCCATCAAGAAACGAAGATCCCCAGA  
TGATGAACTGTTATACTTACCAGTGAGGGGCCGTGAGACTTATGAAATGCTGTTGAAGATCAAAGAGTCC  
CTGGAACCTCATGCAGTACCTTCTCAGCACACAATTGAAACGTACAGGCAACAGCAACAGCAGCAGCACC  
AGCACTTACTTCAGAAACAGACCTCAATACAGTCTCCATCTTCATATGGTAACAGCTCCCCACCTCTGAA  
CAAAATGAACAGCATGAACAAGCTGCCTTCTGTGAGCCAGCTTATCAACCCTCAGCAGCGCAACGCCCTC  
ACTCTACAACCATTCCTGATGGCATGGGAGCCAACATTCCTATGATGGGCACCCACATGCCAATGGCTG  
GAGACATGAATGGACTCAGCCCCACCCAGGCACTCCCTCCCCCACTCTCCATGCCATCCACCTCCCACTG  
CACACCCCACTCCGTATCCCACAGATTGCAGCATTGTCAGTTTCTTAGCGAGGTTGGGCTGTTTCATCA  
TGTCTGGACTATTTACGACCCAGGGGCTGACCACCATCTATCAGATTGAGCATTACTCCATGGATGATC  
TGGCAAGTCTGAAAATCCCTGAGCAATTCGACATGCGATCTGGAAGGGCATCCTGGACCACCGGCAGCT  
CCACGAATTCCTCCCCTTCTCATCTCCTGCGGACCCCAAGCAGTGCCTCTACAGTCAGTGTGGGCTCC  
AGTGAGACCCGGGGTGAAGCTGTTATTGATGCTGTGCGATTACCCCTCCGCCAGACCATCTTTCCAC  
CCCAGATGAGTGAATGACTTCAACTTTGACATGGATGCTCGCCGAATAAGCAACAGCGCATCAAAGA  
GGAGGGGGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC208013 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MNFETSRCATLQYCPDPYIQRVETPAHFSWKESYYRSTMSQSTQTNEFLSPEVFQHIWDFLEQPICSVQ<br/> PIDLNFVDEPSEDGATNKIEISMDCIRMQDSDLSDPMWPQYTNLGLNSMDQQIQNGSSSTSPYNTDHAQ<br/> NSVTAPSPYAQPSSTFDALSPSPAIPSTNDYGPFSFDVSFQQSSTAKSATWTYSTELKKLYCQIAKTCPI<br/> QIKVMTPPPQGA VIRAMPVYKKA EHVTEVVKRCPNHLSREFNEGQIAPP SHLIRVEGNSHAQYVEDPI<br/> TGRQSVLVPEPPQVGTEFTTVLYNFM CNSSCVGGMNRRPILII VTL ETRDQVLGRRCFEARICACPGR<br/> DRKADEDSIRKQQVSDSTKNGDGT KRPFRQNT HGIQMTSIKKRRSPDDELLYLPVRGRETYEMLLIKES<br/> LELMQYLPQHTIET YRQQQQQHQLLQKQTSIQSPSSYGNSPPLNKMNSMNKLP SVS QLINPQQRNAL<br/> TPTTIPDGMGANIPMMGTHMPMAGDMNGLSPTQALPPPLSMPSTSHCTPPPPYPTDCSIVSFLARLGCS<br/> CLDYFTTQGLTTIYQIEHYSMDL ASLKIPEQFRHAIWK GILDHRQLHEFSSPSHLLRTPSSASTVSVGS<br/> SETRGERVIDAVRFTLRQTISFP PRDEW NDFNFDMDARRNKQQR IKEEGE</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ACCN:             | NM_003722                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:         | 2040 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Buffer:           | PBS with 0.001% Pluronic F6187                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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_003722.3</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RefSeq Size:      | 4927 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:       | 2043 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:         | 8626                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:       | <a href="#">Q9H3D4</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Cytogenetics:     | 3q28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MW:               | 76.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |