

## Product datasheet for **RC203291A1V**

### Human Thioredoxin domain containing 9 (TXNDC9) (NM\_005783) AAV Particle

#### Product data:

|                           |                                                                         |
|---------------------------|-------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                           |
| Product Name:             | Human Thioredoxin domain containing 9 (TXNDC9) (NM_005783) AAV Particle |
| Tag:                      | Myc-DDK                                                                 |
| Symbol:                   | Thioredoxin domain containing 9                                         |
| Synonyms:                 | APACD; PHLP3                                                            |
| Mammalian Cell Selection: | None                                                                    |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                              |
| ORF Nucleotide Sequence:  | >RC203291 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s)       |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAAGCTGATGCATCTGTTGACATGTTTTCCAAAGTCCTGGAGCATCAGCTGCTTCAGACTACCAAAC  
TGGTGGAAAGACATTTGGATTCTGAAATTCAAAACCTGGATCAGATGGATGAGGATGAATTTGAACGCCT  
TAAAGAAAAGAGACTCCAGGCACTAAGGAAAGCTCAACAGCAGAAACAAGAATGGCTTTCTAAAGGACAT  
GGGGAATACAGAGAAATCCCTAGTGAAGAGACTTTTTTCAAGAAGTCAAGGAGAGTGAAATGTGGTTT  
GCCATTTCTACAGAGACTCCACATTCAGGTGTAAATACTAGACAGACATCTGGCAATATTGTCCAAGAA  
ACACCTCGAGACCAAAATTTTGAAGCTGAATGTGGAAAAAGCACCTTTCCTTTGTGAGAGACTGCATATC  
AAAGTCATTCCACACTAGCACTGCTAAAAGATGGGAAAAACAAAGATTATGTTGTTGGGTTTACTGACC  
TAGGAAATACAGATGACTTCACCACAGAACTTTAGAATGGAGGCTCGGTTCTTCTGACATTCTTAATTA  
CAGTGGAAATTTAATGGAGCCACCATTTCAGAACCAAAAGAAATTTGAACAACTTCACAAAGCTGGAA  
AAGAAACTATCCGAGGAAAGAAATATGATTACAGACTCTGATGATGAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                   |                                                              |
|-------------------|--------------------------------------------------------------|
| Protein Sequence: | >RC203291 protein sequence<br>Red=Cloning site Green=Tags(s) |
|-------------------|--------------------------------------------------------------|

MEADASVDMFSKVLEHQLLQTTKLVEEHLDSIQKLDQMDDELRLKEKRLQALRKAQQQKQEWLSKGGH  
GEYREIPSERDFFQEVKESENVVCHFYRDSTFRCKILDRHLAILSKKHLETFLKLNVEKAPFLCERLHI  
KVIPTLALLKDGKTQDYVVGFTDLGNTDDFTTETLEWRLGSSDILNYSNLMPEPPFQNKKFGTNFTKLE  
KKTIRGKKYDSDDDD

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV



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|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species:</b>      | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Serotype:</b>     | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>         | NM_005783                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>     | 678 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Buffer:</b>       | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Stability:</b>    | 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. |
| <b>RefSeq:</b>       | <a href="#">NM_005783.3</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>  | 1556 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 681 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>     | 10190                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>   | <a href="#">O14530</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cytogenetics:</b> | 2q11.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MW:</b>           | 26.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |