

## Product datasheet for **RC212399A1V**

### Human C2orf60 (TYW5) (NM\_001039693) AAV Particle

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                     |
| Product Name:             | Human C2orf60 (TYW5) (NM_001039693) AAV Particle                  |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | C2orf60                                                           |
| Synonyms:                 | C2orf60; hTYW5                                                    |
| Mammalian Cell Selection: | None                                                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                        |
| ORF Nucleotide Sequence:  | >RC212399 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**

ATGGCCGGGCAGCACCTCCCGGTACCCCGGCTGGAGGGCGTTTCTCGGGAGCAGTTCATGCAGCACCTCT  
ACCCACAGAGAAAACCTCTTGTGTTGGAAGGGATTGATTTGGGGCCATGTACAAGCAAATGGACAGTGGA  
TTACCTAAGCCAAGTTGGAGGGAAGAAAGAAGTAAAGATTCATGTTGCTGCAGTTGCACAGATGGACTTC  
ATTAGTAAGAACTTTGTATATAGAATTTACCTTTTGACCAAGTTGGTCCAGAGGGCAGCTGAAGAGAAAC  
ATAAAGAATTCTTTGTTTCAGAGGATGAGAAATACTACTTACGGTCACCTGGAGAAGACCCTAGAAAGGA  
TGTTGCAGATATCAGAAAGCAGTTTCCTTTGTTGAAAGGAGATTAAGTTTCCAGAATTCTTCAAAGAG  
GAACAGTTCCTTTCCAGTGTTTTTGAATTAGTTCACCAAGGATTACAATATGGACTCATTATGATGTA  
TGGATAATTTGTTAATAACAAGTGACAGGAAAAAGCGTGTGTAATCTTCAGTCCTCGAGATGCCAGTA  
TTTATATTTAAAGGTAATAATCAGAAGTACTGAATATAGATAACCCAGACTTGGCTAAATATCCACTT  
TTTTCCAAGGCTAGAAGATATGAATGTTCCCTTGAAGCTGGTGATGATTATTCATTCTGCTTTATGGT  
TCCATAATGTAATTTCTGAAGAGTTTGGAGTGGGAGTGAATATCTTTGGAAGCACCTTCCATCTGAATG  
CTATGATAAAACAGATACCTATGGAAACAAAGATCCTACAGCAGCATCAAGAGCTGCACAAATTCTGGAC  
AGAGCCTTGAAAACACTGGCCGAGTTACCAGAGGAATATAGGGACTTCTATGCACGACGAATGGTCTAC  
ACATTCAAGACAAAGCCTACAGCAAGAACTCTGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC212399 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAGQHLPVPRLEGVSREQFMQHLYPQRKPLVLEGIDLGPCTSKWTVDYLSQVGGKKEVKIHVAAVAQMDF<br/> ISKNFVYRTL PFDQLVQRAAEKHKKEFFVSEDEKYYLRSLGEDPRKDVADIRKQFLLKGDIKFPEFFKE<br/> EQFFSSVFRISSPGLQLWTHYDVMDNLLIQVTGKKRVVLFSPRDAQYLYLKGTKSEVLNIDNPD LAKYPL<br/> FSKARRYEC SLEAGDVLFI PALWFHNVI SEEFVG VNI FWKHLPSECYDKTDTYGNKDPTAASRAAQILD<br/> RALKTLAELPEEYRDFYARRMVLHIQDKAYSKNSE</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ACCN:</b>             | NM_001039693                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ORF Size:</b>         | 945 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>           | <u>NM_001039693.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>      | 5384 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq ORF:</b>       | 948 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Locus ID:</b>         | 129450                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID:</b>       | <u>A2RUC4</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Cytogenetics:</b>     | 2q33.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>MW:</b>               | 36.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |