

## Product datasheet for **RC217569A1V**

### Human WDR4 (NM\_033661) AAV Particle

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                               |
| Product Name:             | Human WDR4 (NM_033661) AAV Particle                                         |
| Tag:                      | Myc-DDK                                                                     |
| Symbol:                   | WDR4                                                                        |
| Synonyms:                 | GAMOS6; hWH; MIGSB; TRM82; TRMT82; Wuho                                     |
| Mammalian Cell Selection: | None                                                                        |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                  |
| ORF Nucleotide Sequence:  | >RC217569 representing NM_033661<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCGGGCTCTGTGGGACTGGCGTTGTGCGGGCAGACGTTGGTGGTGGCGGGCGGCAGCCGATTCTCTGG  
CCACCTCCATAGCAAGCAGTGATGATGACAGCCTCTTCATCTATGACTGCAGTGCTGCAGAAAAGAAGTC  
ACAAGAAAATAAAGGGGAGGACGCGCCCTTGACCAGGGGAGCGGTGCGATTCTGGCGTCCACCTTCTCC  
AACTCTGGCAGCTATTTTGCTTAACCGATGACAGTAAGCGTCTGATTCTTTCCGTACAAAACCATGGC  
AATGTCTGAGTGTCAGGACCGTGGCAAGGAGGTGTACAGCCCTGACTTTCATAGCCTCGGAGGAGAAGGT  
CTTGTTGGCCGACAAGTCTGGAGACGTCTACTCCTTTTCGGTGTGGAGCCACACGGGTGTGGCCGTCTA  
GAGCTGGGGCACCTGTCTATGCTGTTAGATGTGGCTGTGAGTCCTGATGACCGCTTCATCCTCACTGCCG  
ACCGGGACGAGAAGATCCGAGTCAGCTGGGCCGCGCGCCCATAGCATCGAGTCCTTCTGCTTGGGGCA  
CACAGAGTTTGTGAGCCGTATCTCCGTGGTCCAACTCAGCCCGGGCTGCTTCTGTCTCCTCTGGGGAC  
GGCACCTGAGGCTCTGGGAGTACAGGAGCGGCCGCGAGCTGCACTGCTGTACCTGGCCAGTCTGCAGG  
AGCTGGTGGACCCCCAGGCCCCAGAAAGTTTGCCGCGTCCAGGATTGCATTCTGGTGCCAGGAGAAGT  
CGTGGCGCTCTGTGCGACGGCACTTCTGTGGTCTACATCTTCAGCTGGACGCCCGCAGACAGCAGTTG  
GTGTACAGGCAGCAGCTGGCGTTCCAGACCAAGTGTGGGACGTGGCTTTCGAGGAGACCCAGGGGCTGT  
GGGTGCTCCAGGACTGCCAGGAAGCCCCCTGGTGTCTACAGGCCTGTGGGCGACCAAGTGGCAGTCTGT  
TCCTGAGAGCACCGTGTAAAGAAAGTCTCTGGTGTCTTCGTGGGAAGTGGGCCATGCTGGAAGGCTCT  
GCCGGCGCAGACGCCAGCTTCAGCAGTCTCTACAAGGCCACGTTTCGACAACGTGACCTCTACCTGAAGA  
AGAAAGAGGAGAGACTGCAGCAGCAGCTAGAGAAGAAGCAGCGGCCAGAGTCCCCCGCTGGGCCCCGA  
CGGGCATGCCAAGAAGATGAGACCGGGGAGGCGACGCTAAGTTGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC217569 representing NM_033661</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAGSVGLALCGQTLVVRGGSRLATSIASSDDSLFIYDCSAAEKKSQENKGEDAPLDQGSGAILASTFS<br/> NSGSYFALTDDSKRLILFRTKPWQCLSVRTVARRCTALTFIASEEKVLVADKSGDVYSFSVLEPHGCGRL<br/> ELGHL SMLLDVAVSPDDRFILTADRDEKIRVSWAAAPHSIESFCLGHTEFVSRISVVPTQPGLLLSSSGD<br/> GTLRLWEYRSGRQLHCCHLASLQELVDPQAPQKFAASRIAFWCQENCVALLCDGTSVVYIFQLDARRQQL<br/> VYRQQLAFQHQVWDVAFEETQGLWVLQDCQEAPLVLYRPVGDQWQSVPESTVLKKVSGVLRGNWAMLEGS<br/> AGADASFSSLYKATFDNVTSYLKKKEERLQQQLEKKQRRQSPPPGPDGHAKMRPGEATLSC</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ACCN:             | NM_033661                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ORF Size:         | 1236 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:           | <a href="#">NM_033661.3</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RefSeq Size:      | 1524 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RefSeq ORF:       | 1239 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Locus ID:         | 10785                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| UniProt ID:       | <a href="#">P57081</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Cytogenetics:     | 21q22.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MW:               | 45.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |