

Product datasheet for **RC221847A1V**

Human Wilms Tumor Protein (WT1) (NM_024425) AAV Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | AAV Particles |
| Product Name: | Human Wilms Tumor Protein (WT1) (NM_024425) AAV Particle |
| Tag: | Myc-DDK |
| Symbol: | Wilms Tumor Protein |
| Synonyms: | AWT1; GUD; WAGR; Wilms tumor 1; WIT-2; WT33 |
| Mammalian Cell Selection: | None |
| Vector: | pAAV-AC-Myc-DDK (PS100089) |



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ORF Nucleotide Sequence:

>RC221847 representing NM_024425
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

CTGCAGGACCCGGCTTCCACGTGTGTCCCGGAGCCGGCTCTCAGCACACGCTCCGCTCCGGGCCTGGT
 GCCTACAGCAGCCAGAGCAGCAGGGAGTCCGGACCCGGCGGCATCTGGCCAAGTTAGGCGCCCGCA
 GGCCAGCGCTGAACGTCTCCAGGGCCGAGGAGCCGCGGGCGTCCGGTCTGAGCCGACGAAATGGGC
 TCCGACGTGCGGGACCTGAACGCGCTGTGCCCGCCGTCCCTCCCTGGGTGGCGGCGCGGCTGTGCC
 TGCCTGTGAGCGGCGCGCAGTGGCGCCGGTGTGGACTTTGCGCCCCGGGCGCTTCGGCTTACGG
 GTCGTTGGGCGGCCCGCGCCGACCCGGCTCCGCGCCACCCCGCGCGCGCCCTACTCCTTCATC
 AAACAGGAGCCGAGCTGGGGCGGCGGAGCCGCACGAGGAGCAGTGCCTGAGCGCCTTACTGTCCACT
 TTTCCGGCCAGTTCACTGGCACAGCCGAGCCTGTGCTACGGGCCCTTCGGTCTCTCCGCCAGCCA
 GCGCTCATCCGCCAGGCCAGGATGTTTCTAACGCGCCCTACCTGCCAGCTGCCTCGAGAGCCAGCCC
 GCTATTGCAATCAGGGTTACAGCACGGTCACCTTCGACGGGACGCCAGCTACGGTACACGCCCCTCGC
 ACCATGCGGCGCAGTTCCCAACCCTCATTCAAGCATGAGGATCCCATGGGCCAGCAGGGCTCGCTGGG
 TGAGCAGCAGTACTCGGTGCCGCCCCGGTCTATGGTGCCACACCCCAACGACAGCTGCACCGGCAGC
 CAGGCTTTGCTGCTGAGGACGCCCTACAGCAGTGAATTTATACCAATGACATCCCAGCTTGAATGCA
 TGACCTGGAATCAGATGAACTTAGGAGCCACCTTAAAGGGCCACAGCACAGGGTACGAGAGCGATAACCA
 CACAACGCCATCCTCTCGGGAGCCCAATACAGAATACACACGCACGGTGTCTTCAGAGGCATTCAGGAT
 GTGCGCAGTGTGCTGGAGTAGCCCCGACTCTGTACGGTCCGCATCTGAGACCAGTGAAGAACGCCCT
 TCATGTGTGCTTACCCAGGCTGCAATAAGAGATATTTTAAGCTGTCCACTTACAGATGCACAGCAGGAA
 GCACACTGGTGAGAAACCATACCAAGTGTGACTTCAAGGACTGTGAACGAAGTTTTCTCGTTCAGACCAG
 CTCAAAAGACACCAAGGAGACATACAGGTGTAAACCATTCCAGTGTAAACTTGTGAGCGAAAGTTCT
 CCCGGTCCGACCCTGAAGACCACACCAGGACTCATACAGGTAACAAGTGAAGAACCCCTTCAGCTG
 TCGGTGGCCAAGTTGTGAGAAAAGTTTGCCCGGTGAGATGAATTAGTCCGCCATCACAACATGCATCAG
 AGAAACATGACCAAACCTCAGCTGGCGCTT

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC221847 representing NM_024425
 Red=Cloning site Green=Tags(s)

LQDPASTCVPEPASQHTLRSGPGCLQQPEQQGVRDPGGIWAKLGAAEASAERLQRRSRGASGSEPPQMG
 SDVRLNALLPAVPSLGGGGCALPVSGAAQWAPVLDFAAPPASAYGSLGGPAPPPAPPPPPPPHFSFI
 KQEPSWGAEPHEEQCLSAFTVHFSGQFTGTAGACRYGPFPPPPSQASSGQARMFPNAPYLPSCLSQP
 AIRNQYSTVTFDGTSPSYGHTPSHAAQFPNHSFKHEDPMGQQGSLGEQQYSVPPPVYGCHTPTDSTGS
 QALLLRTPYSSDNL YQMTSQLCMTWNQMLGATLKGHSTGYESDNHTTPILCGAQYRIHTHGVRGIQD
 VRRVPGVAPTLVRSASETSEKRFMCAYPGCNKRYFKLSHLQMHRSKHTGKPYQCDFKDCERRFSRSDQ
 LKRHRHTGVKPFQCKTCQRKFSRSDHLKTHTRHTGKTSEKPFSCRWVSCQKFFARSDLVRRHNMHQ
 RNMTKLQLAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_024425

ORF Size:

1500 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_024425.2</u> , <u>NP_077743.2</u> |
| RefSeq Size: | 2978 bp |
| RefSeq ORF: | 1502 bp |
| Locus ID: | 7490 |
| Cytogenetics: | 11p13 |
| MW: | 54.4 kDa |