

Product datasheet for **RC220079A1V**

Human Wilms Tumor Protein (WT1) (NM_000378) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Wilms Tumor Protein (WT1) (NM_000378) AAV Particle
Tag:	Myc-DDK
Symbol:	Wilms Tumor Protein
Synonyms:	AWT1; GUD; NPHS4; WAGR; WIT-2; WT33
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC220079 representing NM_000378
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGGACCCGGCTTCCACGTGTGTCCCGAGCCGGCTCTCAGCACACGCTCCGCTCCGGGCCTGGGT
 GCCTACAGCAGCCAGAGCAGGAGTCCGGGACCCGGCGGCATCTGGGCCAAGTTAGGCGCCGCCGA
 GGCCAGCGCTGAACGTCTCCAGGGCCGAGGAGCCGCGGGCGTCCGGGTCTGAGCCGACGAAATGGGC
 TCCGACGTGCGGGACCTGAACGCGCTGCTGCCGCCGTCCCTCCCTGGGTGGCGGCGCGGCTGTGCC
 TGCCTGTGAGCGGCGCGCGCAGTGGGCGCCGTGCTGGACTTTGCGCCTCCGGGCGCTTCGGCTTACGG
 GTCGTTGGGCGGCCCCGCGGCCACCGGCTCCGCCGCCACCCCGCGCGCGCCCTACTCCTTCATC
 AAACAGGAGCCGAGCTGGGCGGCGCGGAGCCGACGAGGAGCAGTGCCTGAGCGCCTTACTGTCCACT
 TTTCCGGCCAGTTCAGTGGCACAGCCGAGCCTGTGCTACGGGCCCTTCGGTCTCTCCGCCAGCCA
 GCGCTCATCCGCCAGGCCAGGATGTTTCTAACGCGCCCTACCTGCCAGCTGCCTCGAGAGCCAGCCC
 GCTATTGCAATCAGGGTTACAGCACGGTCACCTTCGACGGGACGCCAGCTACGGTCACACGCCCTCGC
 ACCATGCGGCGCAGTTCCCCAACCACTATTCAAGCATGAGGATCCCATGGGCCAGCAGGGCTCGCTGGG
 TGAGCAGCAGTACTCGGTGCCGCCCCCGGTCTATGGTGCCACACCCCAACGACAGTGCACCGGCAGC
 CAGGCTTTGCTGCTGAGGACGCCCTACAGCAGTGACAATTTATACCAATGACATCCAGCTTGAATGCA
 TGACCTGGAATCAGATGAACTTAGGAGCCACCTTAAAGGGCCACAGCACAGGGTACGAGAGCGATAACCA
 CACAACGCCATCCTCTGCGGAGCCCAATACAGAATACACACGACCGGTGCTTTCAGAGGCATTAGGAT
 GTGCGGCGTGTGCTGGAGTAGCCCCGACTCTGTACGGTCGGCATCTGAGACCAGTGAGAAACGCCCT
 TCATGTGTGCTTACCCAGGCTGCAATAAGAGATATTTAAGCTGTCCACTTACAGATGCACAGCAGGAA
 GCACACTGGTGAGAAACCATACCACTGTGACTTCAAGGACTGTGAACGAAGGTTTTCTCGTTACAGACCAG
 CTCAAAAGACACCAAGGAGACATACAGGTGTGAAACATTCCAGTGTAAACTTGTGAGCGAAAGTTCT
 CCCGGTCCGACCCTGAAGACCCACACAGGACTCATACAGGTGAAAAGCCCTTCAGCTGTGCGTGGCC
 AAGTTGTGAGAAAAGTTGCCCGGTGAGATGAATTAGTCCGCCATCACAAATGCATCAGAGAAACATG
 ACCAACTCCAGCTGGCGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MQDPASTCVPEPASQHTLRSGPGCLQQPEQQGVDRDPGGIWAKLGAAEASAERLQRRSRGASGSEPQQMG
 SDVRDLNALLPAVPSLGGGGCALPVSGAAQWAPVLDFAAPPASAYGSLGGPAPPPAPPPPPPPHFSFI
 KQEPSWGAEPHEEQCLSAFTVHFSGQFTGTAGACRYGPFPPPPSQASSGQARMFPNAPYLPSCLESQP
 AIRNQYSTVTDFGTPSYGHTPSHAAQFPNHSFKHEDPMGQQGSLGEQQYSVPPPVYGCHTPTDSTGSG
 QALLLRTPYSSDNLQMTSQLCMTWNQMNLGATLKGHSTGYESDNHTTILCGAQYRIHTHGVRFGIQD
 VRRVPGVAPTLVRSASETSEKRFPMCAYPGCNKRYFKLSHLQMHSRKHTGEKPYQCDFKDCERRFSRSDQ
 LKRHRRTGVPKPFQCKTCQRKFSRSDHLKTHTRHTGEKPFSCRWPSQKKFARSDELVRHNMHQRM
 TKLQLAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000378

ORF Size:

1491 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_000378.3</u>
RefSeq Size:	2977 bp
RefSeq ORF:	1509 bp
Locus ID:	7490
UniProt ID:	<u>P19544</u>
Cytogenetics:	11p13
MW:	54.3 kDa