

Product datasheet for **RR216879A1V**

Rat Wls (NM_001085353) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Rat Wls (NM_001085353) AAV Particle
Tag:	Myc-DDK
Symbol:	Wls
Synonyms:	Gpr177
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RR216879 representing NM_001085353
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGGGGCAATTATAGAAAACATGAGCACCAAGAAGCTCTGCATTGTTGGAGGGATTCTTCTGGTTT
 TCCAAATCGTTGCCTTTCTGGTGGGAGGCTTGATCGCTCCAGCACCCACAACGGCAGTGTCTACGTGGC
 AGCAAAATGTGTGGATGTCCGGAAGAACCACCATAAAACAAGATGGCTGATGCCCTGGGGACCAACAAG
 TGTAACAAGATCAATGACTTCGAAGAAGCAATTCCAAGGGAATTGAAGCGAATGACATTGTGTTTTCTG
 TACACATTCCTCCCTTCTATGGAGATGAGCCCATGGTTCCAGTTTATGCTGTTTATCTGCAGATAGA
 CATTGCTTTCAAGCTAAACAACCAATCAGAGAAAATGCAGAAGTTTCCATGGATGTTTCCCTGGGTTAC
 CGTGATGATATGTTTTCTGAGTGGACTGAAATGGCGCACGAAAGAGTACCACGTAACCTCAGATGCACTT
 TCACATCCCCAAGACCCAGAGCATGAAGGTCGTATTATGAATGTGATGTCCTTCTTTCATGGAAT
 TGGGTCAGTGGCTCATAAGTATTACCTTCTAAATATCCGGCTACCTGTAATGAGAAGAAGAAATCAAT
 GTTGGAATTGGGGAAATAAAGGACATTCGGTTGGTGGGAATCCACCAAAATGGAGGTTTCTACTAAGGTAT
 GGTTTGCTATGAAGACCTTCTCACACCCAGCATCTTCATCATTATGGTGTGGTATTGGAGAAGGATCAC
 CATGATGTCCCGACCTCCAGTGCTTCTGGAAAAAGTCATCTTGGCCCTGGGATTTCCATGACCTTTATC
 AATATCCCTGTGAATGGTTTTCCATTGGATTTGATTGGACCTGGATGCTGTTATTTGGTGACATACGAC
 AGGGCATCTTCTATGCAATGCTTCTTCTCTGGATCATCTTCTGTGGCGAGCACATGATGGATCAACA
 TGAGCGGAATCACATTGCAGGGTATTGGAAGCAAGTTGGACCAATTGCTGTTGGCTCTTCTGCCTCTTC
 ATATTTGACATGTGTGAGAGAGGAGTGAACCTCACAATCCTTCTACAGTATCTGGACTACAGATGTTG
 GAACAGAAGTGGCTATGGCTTTCATCATTGTGGCAGGTATCTGCCTCTGCCTCTACTTCTGTTTCTGTG
 TTTCATGGTATTTCAAGTATTCAGAAACATCAGTGGGAAACAGTCTAGCCTCCCAGCCATGAGCAAAAGTC
 CGGAGGCTGCACTATGAGGGTCTGATTTTCAGGTTCAAGTTCTCATGCTGATCACCTTGGCTTGTGCTG
 CCATGACTGTTATCTTCTTATTGTTAGTCAGGTGACAGAAGGCCATTGGAAATGGGGTGGGGTACAGT
 TCAAGTGAAGTGTCTTCTTCACTGGAATCTATGGGATGTGGAACCTGTATGTCTTGTCTTGTGTTT
 TTGTATGCACCATCCATAAGAACTATGGGAAGACAGTCTAATGGTGACCTGGGTGTCCACAGCGGGG
 AAGAACTGCAGCTCACTACCACAATCACCATGTAGATGGACCGACTGAGATCTACAAGTTGACCCGTAA
 AGAAGCACAGGAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAGAIENMSTKKLCIVGGILLVFQIVAFLVGGLIAPAPTTAVSYVAAKCVDRKNHHKTRWLMWPWGPKN
 CNKINDFEEAIPREIEANDIVFSVHIPLSPMEMSPWFQFMLFILQIDIAFKLNNQIRENAEVSMDVSLGY
 RDDMFSEWTEMAHERVPRKLRCFTSPKTPEHEGRHYECDVLPFMEIGSVAHKYLLNIRLPVNEKKKIN
 VGIGEIKDIRLVGIHQNGGFTKVWFAMKFTLTPSIFIIMVWYWRITMMSRPPVLLEKIVIFALGISMTFI
 NIPVEWFSIGFDWTWMLLFQDIRQIFIAMLLSFWIIFCGEHMDQHERNHIAGYWKQVGPVAVGSFCLF
 IFDMCERGVQLTNPFIYSIWTDDVGTTELAMAFIIVAGICLCLYFLFCFMVFQVFRNISGKQSSLPAMSKV
 RRLHYEGLIFRFKFLMLITLACAAMTVIFFIVSQVTEGHWKWGGVTQVSSAFFGTGIYGMWNLYVFALMF
 LYAPSHKNYGEDQSNGLGVHSGEELQLTTTITHVDGPTEIYKLTRKEAQE

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Rat

Serotype:

AAV-2

ACCN:

NM_001085353

ORF Size:	1623 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_001085353.1, NP_001078822.1</u>
RefSeq Size:	2640 bp
RefSeq ORF:	1626 bp
Locus ID:	362065
UniProt ID:	<u>Q6P689</u>
Cytogenetics:	2q45
MW:	62.2 kDa