

Product datasheet for **MR210277A1V**

Mouse Tyw1 (NM_001015876) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Tyw1 (NM_001015876) AAV Particle
Tag:	Myc-DDK
Symbol:	Tyw1
Synonyms:	AW125391; Rsafd1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210277 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**C

ATGGGTCCTCTGGATGTGTGGGACTTGTGCGCTTTGCTGTCACTGTGGATGAACAGGTTCTACATATATA
 TGGGCTGTGCCCTGGGCCTTACCCTTTGCATCTGTGTCCAGATCATCAAGAAGCAGGTCACCTCGTTCCCA
 GGAGAAACGTGTCCAGGAGCTCCTGATAGCTCCCTCTCCCTCAGAAGAAGCAGACACACGTTTCTGGA
 GTGAAGATTTTTACGGATCTCAGACGGGCACTGCCAAGGGATTGTCAGTGGTTCTTGCCAAAGCTGTCA
 CCTCTCTGGACCTGCCTGTGGCCATTATTAATCTGAAGGAATATGATCCAGATGACAGTCTGATAGGAGA
 GATCACTAGTAAAACGCTCTGTGCTTCTGCTGCTACGTACACGGACGGCTGCCCTACAGAGAGTGCA
 GAGTGGTTCTGCAAGTGGTTAGAGGAATCAGCTAATGATTTCCGCTTTGGCAAACTTACCTGAAGGGAC
 TTCGCTATGTCAGTGGTTGGCCTGGGAGACTCTGCTACCGAGCCACTTCAACAAGGTGACGACGAACGT
 TGACAAATGGCTCTGGATGCTCGGTGCCAGCGGTGCTGACCCGAGGGGAAGGCGACTGCAATGCAGTT
 CAGAGCAAACATGGCAGCATCGAGGCCGACTTCACAGCCTGGAAGACCAAGTTTCTCTCCCGGCTGCAGG
 CCCTGCAGAGAGGGGAGAAAAAGGCTTGTGGCGGGAAGTGAAGAGAGGGAAGTGTGAGTCGGCCACGA
 TGGCCACGAGAGGGCGCGGCCTCACCCGAAGGCGAATTGCATCCTGGGGATGCTGAGGAGGAAGAGCCC
 TGTGAGAGCAGCAGCGAGGACGAGCTCGGGACCCAGGATTATCAGAGCCTGACTTCTGTGGTGGATGTTG
 AGGACCTGGGCAACATCATGAACCCCGTGAAGAGGGAAAAAGAGAGAAAAGTCTCATCAGGACGGGAAAGC
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 GAAGCCCTGACTAAACAAGGGTACCAGTGAATGGCAGCCACTCTGGTGTGAAGCTTTGACGGTGGACAA
 AGTCGATGCTGCGGGGAGAGGAGGTTGCTACAAACACACATTCTACGGCATTGAGAGCCACCGCTGCAT
 GGAAGCCACCCCAAGCTTGGCGTGTGCGAATAAATGTGTCTTCTGCTGGCGGCACCATACCAATCCTGTG
 GGCAGTGTGCGGTGGAAGATGGACAGCCAGAATTGATCTTGAAGGAAGCCATTGAGAACCATCAGA
 ACATGATTAACAGTTCAAAGGCGTGCCAGGCCTCAAGGCGGAGCGCTTTGAAGAGGGGATGGAGGTCAA
 GCACTGTGCGCTGTCACTCGTGGGTGAGCCGATCATGTACCCAGAAATCAACAGGCTTTTGAAGCTGCTC
 CACCAGCAGGCATCTCCAGCTTCTTGTACCAATGCGCAGTTCCCTGAGGAGATCAGGAAGCTCACAC
 CAGTTACTCAGCTCTACGTGAGCGTGGACGCCAGCACCAGAGACGGCCTGAAGAAGATCGACCGCCCGCT
 CTTCAAGGATTTCTGGCAGCGCTTCTAGACAGTTTGAAGCCTTATCTGCAAAGCAACAACGAACGGTC
 TACAGACTGACGCTTGTGAAGTGTGGAACGTGGATGAACTCCAGGCCTACGCTGAGCTGGTGTCTTGG
 GGAACCCCGACTTCATCGAGGTCAAGGGTGTGACCTACTGTGGTGAGAGTGCAGCCAGCAGCCTACCAT
 GGCCAATGTCCCTTGGCACGAGGAAGTGTTTCGGTTTGTCCGTGAGCTGGTTCGATCTGCTTCCCGACTAT
 GAAGTTGCGTGTGAACACGAGCACTCCAAGTGCCTCCTGATCGGACACAAGAAGTTTAAGATCGATGGAG
 AATGGTGGACATGGATCAATTACAGCCGCTTCCAAGAGCTCGTTCTGCAGTACGAAGAGAGTGGAGGCTC
 CAAGACGTTCACTCGAGGGATTACATGGCCAGAACCCACAGTGGGCACTGTTTGGTGGCAGGGAAAGA
 GGCTTTGATCCCAAGGACACGAGATACCAGAGGAAGAACAAAACGAAGGACATTTCCGGATGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210277 protein sequence Red=Cloning site Green=Tags(s) MGPLDVWDLSPLLSLWMNRFYIYMGCALGLTLCICVQIIKKQVTRSQEKRVPGAPDSSLSPQKKQTHVSG VKIFYGSQTGTAKGFAVVLAKAVTSLDLPVAIINLKEYDPDDSLIGEITSKTVC AFLVATYTDGCPTE SA EWFCKWLEESANDFRFGKTYLKGLRYAVFGLGDSAYRSHFNKVSTNVDKWLWMLGAQRVLTREGEDCNAV QSKHGSIEADFTAWKTKFISRLQALQRGEKKACGGNCKRGKCESAQHGPGEARPHPQGELHPGDAEEEEEP CESSSEDELGTQDYQSLTSVVDVEDLGNIMNPVKREKREKSHQDGKAAMQRNPEKTEDGEGRAMITPALR EALTKQGYQLIGSHSGVKLCRWTKSMLRGRGGCYKHTFYGIESHRCMEATPSLACANKCVFCWRHHTNPV GTEWRWKMDQPELILKEAIENHQNMIKQFKGVPLKAERFEEGMEVKHCALSLVGEPIMYPEINRLKLL HQHGISSFLVTNAQFP EEIRKLTPVTQLYVSVDASTRDGLKKIDRPLFKDFWQRFLDSLKALSAKQRTV YRLTLVKCWNVDELQAYAELVSLGNPDFIEVKGVTYCGESAASSLTMANVPWHEEVVRFVRELVDLLPDY EVACEHEHSNCLLIGHKKFKIDGEWWTWINYSRFQELVLQYEESSGSKTFSSRDYMARTPQWALFGARER GFDPKDTRYQRKNKTKDISGC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001015876
ORF Size:	2163 bp
Buffer:	PBS with 0.001% Pluronic F1370
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_001015876.1</u>
RefSeq Size:	3046 bp
RefSeq ORF:	2166 bp
Locus ID:	100929
UniProt ID:	<u>Q8BJM7</u>
Cytogenetics:	5 G1.3
MW:	81.6 kDa