

Product datasheet for **RC227263A1V**

Human TYW1B (NM_001145441) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TYW1B (NM_001145441) AAV Particle
Tag:	Myc-DDK
Symbol:	TYW1B
Synonyms:	LINC00069; NCRNA00069; RSAFD2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC227263 representing NM_001145441
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGATCCTTCTGCGGATACATGGGACCTCTCCTCACCTTTAATATCATTATGGATAAACAGGTTTTACA
 TTTATCTGGGCTTTGCTGTTAGCATTAGCCTTTGGATTTGTGTCCAGATTGTCATCGAGATGCAGGGATT
 TGCAACAGTTCTTGCTGAAGCAGTTACGTCCCTGGATCTGCCTGTGGCCATTATTAATCTAAAAGAAATAT
 GATCCAGATGATCATCTGATAGAAGAGGAGGAAGAACCCTTCGAGAGCTCCAGTGAAGAAGAGTTTGGTG
 GTGAGGACCATCAGAGCCTAAATTCATTGTTGATGTTGAAGATTGGGCAAAATATGGATCACGTGAA
 GAAAGAAAAGAGAGAAAAGAACAGCAGGAAGAGAAGTCTGGTTTGTTCAGGAACATGGGAGGAATGAA
 GATGGTGAAAGAAGAGCTATGATAACTCCTGCTCTCCGAGAAGCCCTTACTAAACAAGTCGATGCTCCGA
 GGGAGAGGAGCTTGTACAAACACACATTCTATGGAATGAGAGCCATCGCTGCATGGAACCACCCCGAG
 CTTGGCGTGTGCTAATAAATGTGTCTTCTGTTGGTGGCACCACAACAACCCTGTGGGCACTGAATGGTGG
 TGGAAGATGGACCAGCCTGAAATGATCTTGAAGGAAGCCATTGAAAACCATCAGAACATGATTAAGCAGT
 TTAAGGAGTACCGGGCGTCAAAGCAGAACGCTTTGAAGAAGGAATGACGGTAAAGCACTGTGCATTGTC
 CCTCGTGGGAGAACCAATAATGTACCCAGAGATCAACAGGTTTTTGAAGCTACTCCACCAGTGTAAATC
 TCCAGCTTCTGGTCACAATGCACAATTTCTGCGGAAATCAGGAACCTCGAGCCAGTTACTCAGCTGT
 ATGTCAGTGTGGATGCCAGTACCAAAGACAGCTGAAGAAAATCGACCGCCACTCTTCAAGGATTTCTG
 GCAGCAATTCCTTGACAGTTTAAAGCCTTGGCAGTCAAGCAACAACGAAGTGTCTACAGACTGACGCTC
 GTGAAAGCATGGAACGTGGACGAGCTCCAGGCCTACGCGCAGCTCGTGTCCCTGGGGAATCCTGACTTCA
 TCGAAGTGAAGGGCGTTACCTACTGCAGAGAAAGTTCAAGCAAGCAGTCTTACCATGGCCCATGTGCCCTG
 GCATGAGGAAGTGGTACAGTTTGTCCGCGAGCTGGTGGATCTGATCCCCGAATATGAAATTGCATGTGAA
 CACGAACACTCTAATTGCCTCCTGATAGCACACAGAAAGACAGTTTTAGGAGGGACACCAGGCCATGGAG
 TCACAGAAATCCAGTGGGAAGAGTGGATCAAGAAAAGACTAATCAGCCAGGCACGGTGGCTCATGTCTGT
 TATCCAGCACAT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC227263 representing NM_001145441
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MDPSADTWDLSSPLISLWINRFYIYLGFAVSISLWICVQIVIEMQGFATVLAFAVTSLDLPVAIINLKEY
 DPDDHLIEEEEEPFESSEEEFGGHDHQLNSIVDVEDLGKIMDHVKKEKREKEQEEKSGLFRNMGRNE
 DGERRAMITPALREALTKQVDAPRERSLLQTHILWNESHRCMETTPSLACANKCVFCWWHHNNPVGTEWW
 WKMDQPEMILKEAIENHQNMKQFKGVPGVKAERFEEGMTVKHCALSLVGEPIMYPEINRFLKLLHQCKI
 SSFLVTNAQFP AEIRNLEPVTQLYVSDASTKDSLKKIDRPLFKDFWQQFLDSLKALAVKQQRVTYRLTL
 VKAWNVDLQAYQLVSLGNPDFIEVKGVITYCRESSASSLTMAHVPWHEEVVQFVRELVDLIPEYEIACE
 HEHSNCLLIAHRKTVLGGTPGHGVTEIQWEEWIKRLISQARWLMSVIPAH

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001145441

ORF Size:

1413 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_001145441.1, NP_001138913.1</u>
RefSeq ORF:	1416 bp
Locus ID:	441250
Cytogenetics:	7q11.22-q11.23
MW:	54.1 kDa