

Product datasheet for **RC203373A1V**

Human MUS81 (NM_025128) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MUS81 (NM_025128) AAV Particle
Tag:	Myc-DDK
Symbol:	MUS81
Synonyms:	SLX3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC203373 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

 ATGGCGGCCCCGGTCCGCTGGGCCGGAAGCGCCGCTGCCTGCCTGTCCCAACCGCTCTTCGTTGCT
GGCTGACCGAGTGGCGGACGAGGCGACCCGACGACGACCGACGCGCTTCGATTTTCAAGGCGCT
GCGTTCCTCCGACGGTACCACTGCCGCTGCGCAGCGGAAGGAAGCTAAGATCTACGCACTTCGGA
GACGGGCTCTGCCGATGCTGGACGAGCGGCTGCAGCGCACCGAACATCGGGCGGTGACCATGCCCCG
ACTCACCATCTGGAGAGAACAGTCCAGCCCCGAGGGGCGACTTGGGAAGTCCAGGACTCTTCATGCC
AGTTCTGCCCCAGCCAAAGCGGGAGGCTCTGGCAGCTACTGGCAGCTCGGCACTCAGGAGCCGAGTG
ATACTGCTGGTCTCTACCGGGAGCACCTGAATCCTAATGGTACCACCTCTTAACCAAGGAGGAGCTGC
TGCAGAGGTGTCTCAGAAGTCCCCAGGGTAGCCCTGGGAGTCCCCACCCTGGCCAGCCCTCCGCTC
CCTCTTCACAGGAACCTGGTCTCAGGACACACCAGCCAGGCTACTCATTGACCCAGAGGGCCTG
GAGCTGGCCCAAGATTGGCCGAGTCAAGAGCCTGAGCTTGCTGAATGTGGGCATCGGGCCCAAGGAGC
CCCCTGGGAGGAGACAGCAGTCCAGGAGCAGCTTCAAGAGCTTGGCAGTGAAGCAGGGGTCCAGCA
GCAGCCACTGGAGCTGAGGCCTGGAGAGTACAGGGTGTGTTGTGTGGACATTGGCGAGACCCGGGG
GGCGGGCACAGGCCGAGCTGCTCCGAGAGCTACAGCGGCTGCACGTGACCCACACGGTGCAGCAAGCTGC
ACGTTGGAGATTTTGTGTGGTGGCTCAGGAGACCAATCTAGAGACCCAGCAAAACCTGGGGAGTTGGT
ACTGGATCACATTGTGGAGCGCAAGCGACTGGATGACCTTTCAGCAGCATCATCGACGGCCGCTTCGG
GAGCAGAAGTTCGACTGAAGCGCTGTGGTCTGGAGCGCCGGGTATACCTGGTGAAGAGCATGGTCCG
TCCACAACCTCAGCCTTCTGAGAGCACTGCTGAGGCTGTACCAACACTCAGGTCATTGATGGCTT
TTTTGTGAAGCGCACAGCAGACATTAAGGAGTCAGCCGCTACCTGGCCCTCTGACTCGGGGCTGCAG
AGACTCTACCAGGGCCACACCTACGCAGCGCCCTGGGGAACCCCTGGGAACCTGAATCAGGGGCCA
TGACCTCTCAAACCTCTCTGCTCACTCTCACCTTCAGTGACTTCAACGCAGGAGCCATCAAGAATAA
GGCCAGTCGGTGCAGAGTGTGGTGGCGGAGCTGATGCAGGTGCGCGGAGTGAAGGGGAGAGGCA
GCAGCCCTGGTGGATCGATACAGCACCCCTGCCAGCCTCTGGCCGCTATGATGCCTGTGCCACCCCA
AGGAACAAGAGACTGCTGAGCACCATTAAGTGTGGGCTCTACAGAGGAATCTGGGGCTGCTCTGAG
CAGGACCTTATCCAGCTCTACTGCAGTACGGCCCTTGACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203373 protein sequence

Red=Cloning site Green=Tags(s)

 MAAPVRLGRKRPLPACPNPLFVRWLTEWRDEATRSRHRTFVFQKALRSLRRYPLPLRSGKEAKILQHF
DGLCRMLDERLQRHRTSGGDHAPDSPSGENSPAPQGRLEVDSSMPVPAQPKAGSGSYWPARGHSGARV
ILLVLYREHLNPNNGHFLTKEELLQRCAQKSPRVAPGSAPPWPALRSLHRNLVLRTHQPARYSLTPEGL
ELAQKLAESEGLSLLNVGIGPKPEPGEETAVPGAASAEASEAGVQQPPELRPEYRVLLCVDIGETR
GGHRPELLRELQRLHVHTVRKLHVGDVWVAQETNPRDPANPGELVLDHIVERKRLDDLCSIIIDGRFR
EQKFRLLKRCGLERRVYLVEEHGSHVHNSLPESTLLQAVTNTQVIDGFFVKRTADIKESAAYLALLTRGLQ
RLYQGHTRLRSRPGTGPNGPESGAMTSPNPLCSLLTFSDFNAGAIKNAQSVREVFARQLMQVRGVS
GEKAALVDRYSTPASLLAAYDACATPKEQETLLSTIKCGRQLQRNLGPALSRTLSQLYCSYGPLT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_025128

ORF Size:	1653 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_025128.3, NP_079404.2</u>
RefSeq Size:	2406 bp
RefSeq ORF:	1656 bp
Locus ID:	80198
UniProt ID:	<u>Q96NY9</u>
Cytogenetics:	11q13.1
MW:	61.1 kDa