

Product datasheet for **RC222152A1V**

Human MTUS1 (NM_001001931) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MTUS1 (NM_001001931) AAV Particle
Tag:	Myc-DDK
Symbol:	MTUS1
Synonyms:	ATBP; ATIP; ATIP3; ICIS; MP44; MTSG1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222152 representing NM_001001931
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTGTACCAGGAGGATTTTCGCACTGTACAGAACTGATATTTCTTCAAAAATCTTTATCAATTCTA
 CACTCACCCACCGGCTGGTTCAGAGAGGCACTATGATGCTACCTTATTGACACTGCTGGTCTGGGATC
 GTACAGCCTTTGTATAATTCCTTTGTTAGCCACGTTTACTGGGAAAAAACTGGTAATGCCGCTGTCATC
 AAATATGAGGAGAAACCTCCAAAACAGCATTTCAGAATGGTTCCTCAGGATCCTTTTATTTGAAGCCTT
 TGGTATCCAGGGCTCATGTTCACTTGATGAAAACCTCTCCAAAAGGTCTTCGAGAAAAAATTTATTTAC
 AGCTCTTAATGCAGTTGAAAAGAGCAGGCAAAAGAAATCCTCGAAGCTTATGTATCCAGCCACAGACAGCT
 CCCGATGCGCTGCCCCCTGAGAAAACACTTGAATTGACGCAATATAAAACAAAATGTGAAAACCAAAGTG
 GATTTATCCTGCAGCTCAAGCAGCTTCTTGCCTGTGGTAATACCAAGTTTGAGGCATTGACAGTTGTGAT
 TCAGCACCTGCTGTCTGAGCGGGAGGAAGCACTGAAACAACACAAAACCTATCTCAAGAACTTGTTAAC
 CTCCGGGGAGAGCTAGTCACTGCTTCAACCACCTGTGAGAAATTAGAAAAAGCCAGGAATGAGTTACAAA
 CAGTGTATGAAGCATTCTGCCAGCAGCACCAGGCTGAAAAACAGAACGAGAGAATCGGCTTAAAGAGTT
 TTACACCAGGGAGTATGAAAAGCTTCGGGACACTTACATTGAAGAAGCAGAGAAGTACAAAATGCAATTG
 CAAGAGCAGTTTGACAACTTAATGCTGCGCATGAAACCTCTAAGTTGGAATTAAGAGTAGCCACTCAG
 AGAACTTGAATTGCTAAAGAAGGCCTATGAAGCCTCCCTTCAGAAATTAAGAAAGGCCATGAAATAGA
 AAAGAAATCGCTTGAAGATTTACTTTCTGAGAAGCAGGAATCGCTAGAGAAGCAAATCAATGATCTGAAG
 AGTGAAAATGATGCTTTAAATGAAAAATTGAAATCAGAAGAACAAAAAGAAGAGCAAGAGAAAAAGCAA
 ATTTGAAAAATCCTCAGATCATGTATCTAGAAGAGGAGTTAGAAAGCTGAAAGCTGTGTAGAGATCAA
 GAATGAGAAACTGCATCAACAGGACATCAAGTTAATGAAAATGGAGAACTGGTGACAACAACACAGCA
 TTGGTTGACAAATTGAAGCGTTTCCAGCAGGAGAAATGAAGAATTGAAAGCTCGGATGGACAAGCAGCATGG
 CAATCTCAAGGCAGCTTTCCACGGAGCAGGCTGTTCTGCAAGAGTCGCTGGAGAAGGAGTCGAAAGTCAA
 CAAGCGACTCTCTATGAAAAACGAGGAGCTTCTGTGAAACTGCACAATGGGGACCTGTGTAGCCCCAAG
 AGATCCCCCACATCCTCCGCCATCCCTTGCAGTCACCAAGGAATTCGGGCTCCTTCCCTAGCCCCAGCA
 TTTCACCCAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MTVPGGFRSCTETDISSKIFINSTLTPPAGSERHYDATLLTLLVVGSYSLCIIPLLATFTGKKTGNAAVI
 KYEEKPPKPAFQNGSSGSFYLKPLVSRHVHLMKTPPKGPSRKNLFTALNAVEKSRQKNRSLCIQPQTA
 PDALPPEKTLELTQYKTCENQSGFILQLKQLLACGNTKFEALTVVIQHLLSEREEALKQHKTLSQELVN
 LRGEIVTASTTCEKLEKARNELQTVYEAFVQHQAEKTERENRLKEFYTREYELRDYIEEAKEYKMQQL
 QEQFDNLNAAHETSKLEIEASHSEKLELLKKAYEASLSEIKKGHEIEKKSLEDLLSEKQESLEKQINDLK
 SENDALNEKLKSEEQRRAREKANLKNPQIMYLEQELSLKAVLEIKNEKLHQDIKLMKMEKLVNNTA
 LVDKLKRFQQENEELKARMDKHMAISRQLSTEQAVLQESLEKESKVNKRLSMENEELLWKLHNGDLCSPK
 RSPTSSAIPLQSPRNSGSPSPSISPR

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001001931

ORF Size:

1551 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_001001931.1, NP_001001931.1</u>
RefSeq Size:	4018 bp
RefSeq ORF:	1554 bp
Locus ID:	57509
UniProt ID:	<u>Q9ULD2</u>
Cytogenetics:	8p22
MW:	58.8 kDa