

Product datasheet for **RC219139A1V**

Human MTUS2 (NM_015233) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MTUS2 (NM_015233) AAV Particle
Tag:	Myc-DDK
Symbol:	MTUS2
Synonyms:	CAZIP; ICIS; KIAA0774; TIP150
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC219139 representing NM_015233 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGCCATTGCTGCTGCAAGCCTTATAACTGCCTTCAGTGCCTGGACAAGACGAATGAAAGTGCCTTG
TGAAAGAAAAAGAGCTGTCAATCGAACTTGCAAACATCAGGGATGAAGTTGCCTTCCATACAGCAAAGTG
CGAGAACTACAAAAGGAGAAGGAGGAGCTGGAGAGCGGTTTCGAGGACGAGGTGAAGAGGCTGGGCTGG
CAGCAGCAGGCCGAGCTCCAGGAGCTGGAGGAGCGGCTGCAGCTGCAATTCGAGGCGGAAATGGCGCGCC
TGCAGGAGGAGCACGGTGACCAGCTGCTGAGCATCCGGTGTCAACACCAGGAGCAGGTGGAAGATCTCAC
CGCCAGCCATGATGCTGCTCTCCTAGAGATGGAAAATAACCACACAGTTGCCATCACAATCCTGCAGGAT
GACCACGACCACAAAGTCCAAGAATTGATGTCCACTCATGAGCTTGAAAAGAAAGAAATTGGAAGAAAATT
TTGAAAAGTGCAGGCTGTCAATTCAGGACCAAGGTGGACACGCTGACCTTCCAGAGCCAGTCTCTGCGGGA
CAGAGCCCGCGCTTCGAAGAGGCCTTGAGGAAGAACACAGAGGAGCAGCTGGAGATTGCATTGGCTCCT
TATCAGCACTTGAAGAAGACATGAAGAGTCTGAAGCAGGTATTAGAAATGAAGAATCAGCAAATACACG
AGCAAGAAAAGAAGATTCTTGAGCTGGAAAAGCTGGCAGAAAAGAACATTATCCTAGAAGAAAAGATCCA
GGTTCTCAACAGCAGAACGAAGACCTCAAAGCAAGGATTGACCAAAACACAGTTGTACCAGACAGCTG
TCGGAGGAAAATGCTAACCTCCAGGAATATGTTGAGAAGGAAACCCAGGAGAAGAAGAGATTGAGCCGAA
CCAATGAAGAGCTGCTTTGGAAGCTCCAACTGGGGACCCGACAGTCCGATTAAACTCTCGCCACATC
TCCCGTTTACCGCGGCTCCTCCTCGGGCCCTCCTCTCCGGCCAGAGTACGACAAACACCCAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC219139 representing NM_015233 Red=Cloning site Green=Tags(s) MGHCCCKPYNCLQCLDKTNESALVKEKELSIELANIRDEVAFTAKCEKLQKEKEELERRFEDEVKRLGW QQQAEQLQEERLQLQFEAMARLQEEHGDQLLSIRCQHQQVEDLTASHDAALLEMENNHTVAITILQD DHDHKVQELMSTHELEKKELEENFEKLRLSLQDQVDTLTFQSQSLRDRARRFEEALRKNTTEEQLIAP YQHLEEDMKSLKQVLEMKNQIHEQEKKILELEKLAEKNIILEEKIQVLQQQNECLKARIDQNTVVTRQL SEENANLQEYVEKETQEKRLSRTNEELLWKLQTDPTSPIKLSPTSPVYRGSSSGPSSPARVSTTPR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_015233
ORF Size:	1044 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_015233.3</u>
RefSeq Size:	1779 bp
RefSeq ORF:	1047 bp
Locus ID:	23281
UniProt ID:	<u>Q5JR59</u>
Cytogenetics:	13q12.3
MW:	40.6 kDa