

Product datasheet for **RC200096A1V**

Human MRPL37 (NM_016491) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	MRPL37
Synonyms:	L2mt; L37mt; MRP-L2; MRP-L37; MRPL2; RPML2
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC200096 representing NM_016491
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCATTGGCGTCCGGGCCCGCAAGGCGGGCGCTAGCTGGCTCCGGGCAGCTCGGCCTTGGGGGCTTCG
GGGCCCCGAGACGCGGGCGTATGAGTGGGCGTGCCTCCACGCGGAAGTCGGAGCCTCCTCCCTGGA
TAGGGTGTACGAGATCCCTGGACTGGAGCCATCACCTTTGCGGGGAAGATGCACCTTCGTGCCCTGGCTG
GCGCGGCCGATCTTTCCGCCCTGGGACCGCGGTACAAGGACCCAAAGTTCTACCGCTCGCCCCCTCTTC
ACGAGCATCCGTGTACAAAGACCGGCTGTATATCTTTACCACCGTTGCCGCCTTCTCGAGGGTGT
AAAGCAGGCCCTCTGGCTCACCAAGACCAAGTTAATAGAAGCCTTCCCGAGAAAGTGCTTAGCCTTGTT
GATGATCCAAGGAACCATAGAGAACCAAGACGAGTGCCTTCTGAATGTGATCTCTACGCCCGTCTCT
GGCAGACCACTGAGGAAATCCCAAGAGAGAGCTACTGCCCGGTATCGTGGACAACCTAATACAGCT
GTGTAATCTCAGATTCTCAAGCATCCTTCTTGCCAGGAGGATCTGTGTCCAAACTCCACGTTTCT
GCTACCTGGAACCGAGAGTCTTCTCTCTCAAGTCCGTGGTCTGGTGGAGCCGACTGAGCACTAAGG
ATCCTCTGCCACCATCGCCTCCAGAGAGGAGATTGAAGCTACTAAGAATCATGTTCTAGAGACCTTCTA
CCCCATATACCCATCATCGATCTTCATGAATGCAATATTTATGATGTGAAAAATGACACAGGATTCCAG
GAAGGCTATCCTTACCCATATCCCATACCTGTACTTACTGGACAAAGCCAATTTACGACCACACCGCC
TTCAACCAGATCAGCTGCGGGCCAAGATGATCCTGTTTGTCTTTGGCAGTGCCCTGGCTCAGGCCCGCT
CCTCTATGGGAATGATGCCAAGGTCTTGAGCAGCCCGTGGTGGTGCAGAGCGTGGGCACGGATGGACGT
GTCTTCCATTTCTAGTGTTCAACTGAATACCACAGACCTGGACTGTAACGAGGGTGTCAAGAATTTGG
CCTGGGTGGACTCAGACCAGCTCCTCTATCAGCATTTTGGTGTCTCCAGTGATCAAAAAGAGAGTGGT
TGTGGAACCTGTTGCCAGTTGGTTTCAAGCCAGAGACATTCAGAAAGTTTTAGCTCTATATTGCAT
GGTCTGCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC200096 representing NM_016491 Red=Cloning site Green=Tags(s) MALASGPARRALAGSGQLGLGGFGAPRRGAYEWGVRSTRKSEPPPLDRVYEIPGLEPITFAGKMHFVPWL ARPIFPPWDRGYKDPFRFYRSPPLHEHPLYKDQACYIFHHRCLLEGVKQALWLTCKLIEGLPEKVLSTV DDPRNHENQDECVLNVISHARLWQTTEEIPKRETYCPVIVDNLQLCKSQILKHPSLARRICVQNSTFS ATWNRESLLLQVRGSGGARLSTKDPLPTIASREEIEATKNHVLETFYPIISPIIDLHECNIYDVKNDTGFQ EGYPPYPHTLYLLDKANLRPHRLQPDQLRAKMILFAFGSALAQAARLLYGNDKVLQPVVVQSVGTDGR VFHFLVFQLNTTDLDCNEGKLNLAWVDSQQLLYQHFWCLPVIKKRVVVEPVGPVGFKPETFRKFLALYLH GAA TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_016491
ORF Size:	1269 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_016491.3</u>
RefSeq Size:	1487 bp
RefSeq ORF:	1272 bp
Locus ID:	51253
UniProt ID:	<u>Q9BZE1</u>
Cytogenetics:	1p32.3
MW:	48.1 kDa