

Product datasheet for **RC224225A1V**

Human MRPL21 (NM_181514) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human MRPL21 (NM_181514) AAV Particle
Tag: Myc-DDK
Symbol: MRPL21
Synonyms: L21mt; MRP-L21
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC224225 representing NM_181514
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCAGCATCTTCCCTGACGGTCACCTTAGGGCGGCTGGCGTCCGCGTCAGCCACAGCATCTGAGAC
CTTCGGGGCCCGGAGCAGCCTCCCTTTGGTCTGCTTCTCGAAGGTTCAATTCACAGAGCACTTCATATCT
ACCAGGATATGTTCTAAACATCCCTGAGTTCACACCTTGGCCAGAAGTTGTTCTGCCAGACCCAGTT
GAGGAGACCAGACCATGCAGAGGTCGTGAAGAAGGTGAATGAGATGATCGTCACGGGGCAGTATGGCA
GGCTCTTTGCCGTGGTGCACCTTGCCAGCCGCCAGTGAAGGTGACCTCTGAAGACCTGATCTTAATTGG
AAATGAAGTACACCTTGGTGTGGAGAGAGAATTCGACTGGAGAAGGTCCTGCTGTTGGGGCAGACAAC
TTCACGCTGCTTGGCAAGCCACTCCTCGAAAGGATCTTGTTCGAGTAGAAGCCACAGTCATTGAAAAGA
CAGAAATCATGGCCAAGAATCATTATGAGATTACGAGAAAGGAAAACTTCAAGAAGAAAAGAATCGTCAC
GACCCCGCAGACTGTCTCCGGATAAACAGCATTGAGATTGCTCCGTGTTTGTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC224225 representing NM_181514
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MAASSLTVTLGRLASACSHSILRPSGPGAASLWSASRRFNSQSTSYPGYVPKTSLSPPWPPEVVLDPDV
EETRHHAEEVKKVNMIVTGQYGRFAVVHFAHQWKTSEDLLIGNELDLACGERIRLEKVLVLGADN
FTLLGKPLLKDLVRVEATVIEKTESWPRIIMRFRKRKNFKKKRIVTTPQTVLRINSIEIAPCLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human



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Serotype:	AAV-2
ACCN:	NM_181514
ORF Size:	615 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_181514.1</u>
RefSeq Size:	713 bp
RefSeq ORF:	618 bp
Locus ID:	219927
UniProt ID:	<u>Q7Z2W9</u>
Cytogenetics:	11q13.3
MW:	22.6 kDa