

## Product datasheet for **RC219717A1V**

### Human MAB21L4 (NM\_001085437) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human MAB21L4 (NM_001085437) AAV Particle
Tag:	Myc-DDK
Symbol:	MAB21L4
Synonyms:	C2orf54
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC219717 representing NM\_001085437  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCTGCCCTGCTCTCCACCTCAGCCATGGCCGTGCAGGTGCCCTGTGGCACCCTACCTGCAGG  
 CCATCCGGTCCCGGGAGGCGCCCGTGCAGGACTTCCAGCGCGCAGAGAACGTGCTGCTCACGGTGT  
 GGAGCGGTGCATGCCCTGGACCCCGCTTCATCGTGGACTACTCCCGTGGCCTGGAGGCCCTCCAGTTC  
 GCCCTGCGCTCCTCTGAGGACCAATGGACATGGAGGTGCCCTGTGGTGGATGCCAGGCTCTACTGA  
 TTGAGGAACCAGAGGCCACCCAGCCGGAGGATGGCCTTGAATTATGCCACCTGGGTGTGCCAGGGAAGG  
 GGCTGGCTGGAGCGGTGGACCACCGAGGATACCTTCACTGCCTCCTCGAGGGTGACGCCAAGTCCGT  
 GGACACATTGTGCCAGCAAGTCTGTGTGCTCAAGGACCTGCTGGTAGCAGCCATCGTACACTGCA  
 AGCACACAGTCTCATCGACCAGTTCGCTGAACCGGCCAGCCTGAGGGAGGAGCAGTCCACCTGTC  
 CTTGCTGGTGTCCAGCGCTGGAGAACAATCAGCTTCCACGTGGTCCCGTGGTGAAGGAAGCTTGGG  
 GCGCCTGCCCTGGAGGGGTGCAGCAGATGCCCGGATCCCTGAGGGCAGCTTGAGAAGGATCCTCAGCC  
 AAGGGTGGACCTGGTCCGGCCAGCGCCAGCTCTGGAGGACCTCCACTGACTACCTGCTCACGAGGCT  
 GCTGGGGAGCTGGGCTCCCTGCAGGTCATCGCTGGACAGCCTCTCCATCCTCGACCGGGTCAACCAC  
 GAGAGCTGGCGTGACAGTGGCCAGACTGACGGCTGACCTTTGGCCACCTGAAGATGGTGTGCTGTGGG  
 CCTCTGTGCTTCTTGGCGCCGAGGACTGGGCGAAGTGCAGGGCGCCGTGTACCGCTGTGGTGGT  
 GCTGCTGTGTGCTGGCCACCGGAAGTGCACCGCTGGAGGGCTTCGCCAGCCAGCCGAGCGGCCCTGC  
 GCATCCACGCCACCCACTGGGCGCAGCCCGCCGCGCATCGGCTCCGGGCTCAAGGCGCTCCTGCA  
 GCTGCCAGCCAGTGACCCCACTTACTGGCCACTGCCTACTTCGACGTCCTGCTGGACAAGTTCAGGTC  
 TTCAACATCCAGGATAAGGACCGGATCTCTGCCATGCAGAGCATCTTCCAGAAGACCAGGACTCTGGGAG  
 GCGAGGAGAGC

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC219717 representing NM\_001085437  
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MPAPALPTSAMAVQVPLWHYLQAIRSREAPRAQDFQRAENVLLTVLERVHALDPRFIVDYSRGLAFAQF  
 ALRSEDPMDMEVPLWVDAEALLIEPEATQPEDGLELCHLGVPRGAGLERWTTEDFTASSEGDACR  
 GHIVPSKVLVCLKDLLVAIVHCKHSLIAPGSLNAASLREEQLHLSLLVSSGWRITISFHVVPVRRKLG  
 APALEGVQMPGFPEGLRRLISQGVLDLPASAQLWRTSTDYLLTRLLGELGSLQGHRLDSLILDRVNH  
 ESWRDSGQTDGLTFGHLKMLLWASVFLAPEDWAEQAVYRLLVLLCCLATRKLPHFLHPQRNLLQG  
 SGLDLGAIYQRVEGFASQPEAALRIHATHLGRSPPRIGSGLKALLQLPASDPTYWATAYFDVLLDKFQV  
 FNIQDKDRISAMQSIQKTRTLGGEES

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001085437

**ORF Size:**

1341 bp

**Buffer:**

PBS with 0.001% Pluronic F68

<b>Stability:</b>	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.
<b>RefSeq:</b>	<u>NM_001085437.1</u>
<b>RefSeq Size:</b>	2525 bp
<b>RefSeq ORF:</b>	1344 bp
<b>Locus ID:</b>	79919
<b>UniProt ID:</b>	<u>Q08AI8</u>
<b>Cytogenetics:</b>	2q37.3
<b>MW:</b>	49.4 kDa