

## Product datasheet for **RC217974A1V**

### Human MAB21L3 (NM\_152367) AAV Particle

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                     |
| Product Name:             | Human MAB21L3 (NM_152367) AAV Particle                            |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | MAB21L3                                                           |
| Synonyms:                 | C1orf161                                                          |
| Mammalian Cell Selection: | None                                                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                        |
| ORF Nucleotide Sequence:  | >RC217974 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGAAATACCTTACTGTGGGAGACTTAGAAGATTGCCTACTGAATAAGGTGGACTTGAGGCGCCAGCAGA  
TTTCCCAGGCTGTGGAGGAGGTGCAGAAAGTCGTTTCATCATTTGACCACAAACATCAGCAACCAAGACAT  
TAGATTTCAGCTGTGCCTTACTCTGACACGTACAATGAAAATATTAAGGTTTGGCTCCCAGTCAGTTC  
CTCGTCACAGTCCCAATAAAAGGCCTGGCCGGGTACAGGGAGGCCAGGGAGCAGCACTGGCGGTACTACA  
CACTGCAGGGCACCAGGCTGCCCTGCCGTTGCCGGACCCTGAGGGTCTGCAGCAGTGGCTGGAGGTGGA  
ACAGTTTATGAAGAGCCTGTGGCAGTGGCATGAGACAGATGTGAACATCGACGGAGACATTGTGCCTGCC  
AAGGTCCTCCTAGTGTTCCGGAAGCTGGTGAAAATGCAGTTAGAACCTGTACCTCTCAGGTAAGGTCA  
GCCTGCTAGGAAACCGCTCTGCAGTTTGGGTTGCTGTGAAACATCTGCATATCAGGTGGAACCTGGAGCT  
GGTCCCCGAGTGGAGATCCCCACCACCTGGTCCAAGAAAGCCCGGTGGCCTCGATGTCTGCAGCGCTGG  
CCTTCCAAGAGAGAGTGGAGTGCATCAAGTCGTTTGGGTTAACTTGTGGCCTGTTCAAATTATCACT  
GGCAGCTGAGCTTCTCCGTGCTGAGCAGGTGTTACTGGAACAGCTGGATGAAGATGGGGCTGCCGTAG  
GAAGTGTTCAGGTCTGAGGCACCTGAAGGAGGACATCTGGTCCCCAGGGAACAGGCCGTTATCACG  
TCCCACCATCTGCAGACTGTGCTCTTTGGACCTGCGAGAAATATCCCCACTTTAAAGACTGGCAGGTCT  
TCAGCAAAGCATTTCGCGCCTGGTGAAGAACTGCACAAGTGCCTGAGCCAGCACTTCCTGAAACACTA  
TTTCGTCCGGAACAGCAACCTCTTCAGTGACCAACCCGACTGAACTGGACACTGTGGCCCAAAAGCTG  
GCCACCTTCTGAAGAACCCCGAGATCGGCCCGCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC217974 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MKYLTVGDLEDCLLNKVDLRRQQISQAVEEVQKVHHLLTTNISNQDIRFQAVPYSDTYNENIKVLAPSQF<br/> LVTVPKGLAGYREAREQHWRYTLLQGTRLPCPLRDPEGLQQWLEVEQFMKSLWQWHETDVNIDGDIVPA<br/> KVLLVFRKLVENAVRTCHLSGKVSLLGNRSVWVAVETSAYQVELEL VPAVEIPTTWSKKARWPRCLQRW<br/> PSQERVECIKSFGFNLLACSNYHWQLSFLRAEQVLLEQLDEDDGGCRRKCFQVMRHLKEDIWCPGNRPVIT<br/> SHHLQTVLFWTCEKYPHFKDWQVFSKAFLRLVRKLHKCVSQHFLKHYFVRNSNLFQCTNPTELDTVAQKL<br/> ATFLKNPQIGPP</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ACCN:             | NM_152367                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| ORF Size:         | 1086 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:           | <a href="#">NM_152367.1</a> , <a href="#">NP_689580.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RefSeq Size:      | 3229 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| RefSeq ORF:       | 1089 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Locus ID:         | 126868                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| UniProt ID:       | <a href="#">Q8N8X9</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Cytogenetics:     | 1p13.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MW:               | 42.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |