

Product datasheet for **MR205668A1V**

Mouse Rael (NM_175112) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Rael
Synonyms:	3230401112Rik; D2Ert342e; MNRP; MNRP41
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >MR205668 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGAGTCTGTTTGGATCAACCTCTGGATTGGGACTGGTGGGACCAGCATGTTGGGAGCACAAACCACAG
ATAACCACAATCCAATGAAGGATATCGAAGTGACATCTTCTCCTGATGACAGCATCGTTGTCTGTCTTT
CAGCCCGCCAACTTTACCAGGCAACTTCCTTATTGCAGGATCATGGCGAATGATGTTTCGCTGCTGGGAA
GTGCAGGACAGTGGGCAAACATTCCAAAGGCCAGCAGATGCACACGGGGCCAGTGCTTGACGTCTGCT
GGAGTGATGATGGGAGCAAAGTATTCACAGCATCGTGTGACAAGACAGCAAGATGTGGACCTGAACAG
CAACCAGGCCATTAGATAGCACAGCATGATGCTCCTGTTAAGACCATAATTGGATCAAAGCCCCAAAC
TACAGCTGTGTGATGACCGGGAGCTGGGATAAGACTCTGAAGTTCTGGGATACGCGGTCTCAAATCCTA
TGATGGTCTTGCAACTCCTGAACGCTGTTACTGTGCAGATGTGATATACCCGATGGCTGTGGTAGCCAC
TGCAGAGAGGGGCTGATTGTCTATCAGCTGGAGAACCAGCCCTCTGAGTTCAGGAGAATCGAGTCTCCC
CTGAAGCACCAGCATCGGTGTGTGGCTATTTTAAAGACAAACAGAACAGCCGACTGGGTTTGCTCTGG
GCAGCATTGAGGGGAGAGTTGCCATTCACTACATCAACCCTCCAAATCCGGCCAAAGATAAATTCACCTT
CAAATGCCATCGATCCAACGGTACCAACACTTCGGCTCCTCAAGACATCTATGCAGTGAATGGGATTGCC
TTCCATCCTGTCCATGGTACCCTTGCCACTGTGGGCTCCGATGGTAGGTTTCAGTTCCTGGGACAAAGATG
CCAGGACCAAACTAAAGACTTCGGAACAGTTAGATCAGCCCATCGAGCTTGCTGCTCAATCACAATGG
AAACATATTTGCCTATGCTTCCAGCTACGACTGGTCCAAGGGACATGAGTTTTATAATCCCCAAAAGAAA
AATTACATTTTCTGCGTAATGCAGCTGAAGAGCTAAAGCCAAGGAATAAGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>MR205668 protein sequence Red=Cloning site Green=Tags(s) MSLFGSTSGFGTGGTSMFGSTTTDNHNPMKDIEVTSSPDDSIGCLSFSPPTLPGNFLIAGSWANDVRCWE VQDSGQTIPKAQQMHTGPVLDVCWSDDGSKVFTASCDKTAKMWDLNSNQAIQIAQHDAPVKTIHWIKAPN YSCVMTGSDKTLKFWDRSSNPMVLQLPERCYCADVIYPMAVVATAERGLIVYQLENQPSEFRRIESP LKHQHRCAIFKDKQNKPTGFALGSIEGRVAIHYNPPNPAKDNFTFKCHRSNGTNTSAPQDIYAVNGIA FHPVHGTLATVGSDGRFSFWDKDARTKLKTSEQLDQPIAACCFNHNGNIFAYASSYDWSKGHEFYNPQKK NYIFLRNAAEELKPRNKK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_175112
ORF Size:	1104 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_175112.2</u>
RefSeq Size:	1755 bp
RefSeq ORF:	1107 bp
Locus ID:	66679
UniProt ID:	<u>Q8C570</u>
Cytogenetics:	2 95.66 cM
MW:	41 kDa