

Product datasheet for **MR204034A1V**

Mouse Elmod2 (NM_001170691) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Elmod2 (NM_001170691) AAV Particle
Tag:	Myc-DDK
Symbol:	Elmod2
Synonyms:	9830169G11Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR204034 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTCTGTCTCTGTGGGAGTTTTCTATGGACACTTTTCCGATTTGGATGAAATGGCTCTTACGGC
AGATGACTGGGAAATGTGAATTGCAGCGAATTTTACACCTATGGAGGGGCACAGAGGACCTACAGAAC
AGAAAATTCCTTGACATATTCCAAGAATAAGGTCCTACAGAATGCAACACGAGTTGCCAGAGTGAACCTG
GACAGGTGTATAGCGAACATCATGAAGGAAAAGAATCTGCTCCGAGAAGGACACAAGTTTTCAGATCT
GCATGCCGACGTGCTTACTGCAGATAACTGGCTATAAACAGCTCTACCACGATGTAGAAAATGTGAGGAA
AAAGCCCTATGACTCTGCAATGCACAGCACGAGAAGATGCTCCTCAAGCTTTGGAGTCTTCTGATGCCA
ACGAAAAAGTTGACGGCCCGGATCTCCAAGCAGTGGGCAGACATTGGTTTCCAAGGTGACGATCCAAAA
CAGACTTCAGAGGCATGGGCATACTCGGACTGATCAATCTCGTGTATTTCAAGTAAAACTACACGAGCGA
AGCGCATCAGATTCTCTCCGCTCAAATCACCCAAATTAGGGTATTCTTATGCAATAGTTGGAATCAAC
CTTACAGAGATGGCTTATAGCTTACTGAAGAGCGAGGCCCTGAAGCTTCACCTCTACAACCTTTGTCCCTG
GGGTACCAACGATGGAGCACTTCCACCAGTTTTACTGTTACCTTGTCTATGAATTTGACAAGTTTGGCT
TGAGGAAGAGCCAGAAAGCATTATGTACTTCACTTGTACAGAGAGAAGTTTACGAGCGGATCAAAGGA
CTCTTGATGGATTGCAATGCTGTGCTCACTTTGAAAACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR204034 protein sequence Red=Cloning site Green=Tags(s) MFVSLWEFFYGHFFRFWMKLLRQMTGKCELQRIFDYGGAQRTYRTENSLTYSKNKVLQNATRVAQSEL DRCIANIMKEKNICSEKDTSFQICMRTCLLQITGYKQLYHDVENVRKKPYDSANAQHEKMLLKLWSLLMP TKKLTARISKQWADIGFQGDDPKTDFRGMGILGLINLVYFSENYTSEAHQILSRSNHPKLGYSYAIVGIN LTEMAYSLKSEALKHLHLYNFVPGVPTMEHFHQFYCYLVYEFDFWLEEEEPESIMYFNLVREKFHERIKG LLMDCNAVLTLKT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001170691
ORF Size:	879 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_001170691.1, NP_001164162.1</u>
RefSeq Size:	4704 bp
RefSeq ORF:	882 bp
Locus ID:	244548
UniProt ID:	<u>Q8BGF6</u>
Cytogenetics:	8 C2
MW:	34.7 kDa