

Product datasheet for **MR210342A1V**

Mouse Elmo2 (NM_207706) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Elmo2 (NM_207706) AAV Particle
Tag:	Myc-DDK
Symbol:	Elmo2
Synonyms:	1190002F24Rik; CED-12
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210342 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCGCCTCCGTCTGACATTGTCAAAGTGCCATCGAGTGCCAGGTGCTAACGCCAGCTCCTTGAAA
 TTGACCAGAAACGGCCGCTGGCATCCATCATCAAGGAGGTGTGCGATGGGTGGTCACTGCCGAACCCGGA
 GTACTACACCCTCCGCTATGCAGATGGCCCTCAGCTCTACGTCACGGAGCAGACCCGAAATGACATTAAG
 AACGGGACAATCTTACAACCTGGCCGTCTCCCGTCCCGGGCTGCACGCCAGTGATGAAAGGACCCAGT
 CATCTAGTATGGAGACCCGGCTGGATGCCATGAAGGAGTTGGCTAAGCTCTCAGCTGACGTGACTTTGCG
 CACGGAGTTCATTAACATGGACGGCATATTGTGCTGACGAGGCTCGTGGAGAGTGGACCAAGCTCCTG
 TCCCACTACAGTGAGATGCTGGCATTACCCCTGACTGCCTTCTAGAGCTCATGGATCATGGCATTGTCT
 CCTGGGACATGGTTTCAGTCACCTTTATTAAGCAGATTGCAGGGTACGTGAGCCAGCCCATGGTCGATGT
 GTCCATCTCCAGCGGTCCCTGGCCATCTAGAGAGCATGGTACTAAACAGCCAGAGCCTGTACCAGAAG
 ATAGCGGAGGAGATCACCGTGGGACAGCTCATCTCCACCTGCAGGTCTCCAACAGGAGATCCAGACCT
 ACGCCATTGCTCTGATTAACGCCTGTTCTCTGAAGGCCCCGAAGACAAGAGACAGGACAAGCACCTTAA
 CCCTCTAGACCTGCCGTCAGTACATGGCCAAATGCCTTTGCACAGAAGCACCTTCGGTCCATAATCCTG
 AACCATGTGATCAGAGGGAATCGTCCAATCAAAACAGAGATGGCCCATCAGCTGTATGTCCTTCAGGTCT
 TGACCTTTAACCTTCTGGAAGAAAGAATGATGACCAAGATGGATCCCAATGACCAGGCTCAGAGAGACAT
 TATATTTGAAGTGAAGGAGATTGCCCTTCGACGCAGAGTCTGACCCAGCAACGTCCCGGGAGTGGGACT
 GAAAAGCGCAAGGCCATGTATACCAAGGACTATAAAATGCTGGGCTTCACCAACCATATCAACCCAGCCT
 TGGACTTCACCCAGACTCCTCCTGGAATGCTGGCGCTGGACAACATGCTGTACCTGGCTAAAGTCCACCA
 GGACACCTACATCCGGATCGTGCTGGAGAACAGCAGTCGGGAGGACAAACACGAGTGTCCGTTCCGGCCGC
 AGTGCCATCGAGCTACCAAGATGCTCTGTGAGATCCTGCAGGTGCGGGAGCTCCCTAATGAAGGCGCA
 ATGACTACCACCCATGTTCTTCACCCACGACCGAGCCTTCGAGGAACCTTCGGGATCTGCATCCAGCT
 GCTGAACAAGACCTGGAAGGAGATGAGGGCGACAGCCGAGGATTTCAACAAGTTATGCAAGTTGTCCGA
 GAGCAGATCACCCGGCTCTGCCCTCTAAACCAACTCTTTGGATCAGTTCAAGAGTAACTTCGTAGCC
 TGAGCTACTCAGAAATTCGCGTTGCGCCAGTCTGAGAGGATGAGCCAGGATGATTTCCAGTCCCACC
 AATTGTGGAGCTTCGAGAGAAGATACAGCCTGAGATCCTGGAGCTGATCAAGCAACAGCGCCTCAACCGG
 CTATGCGAGGGCAGCAGCTTCCGAAAATCGGGAACCGTCGTCGCAAGAGAGGTTCTGGCACTGCCGCT
 TGGCACTGAACCACAAGGTTTTGCATTACGGTGACTTGGATGACAACCTCAAGGGGAGGTGACATTCTGA
 ATCCCTGCAGGAGAAAATTCCTGTTGCAGATATTAAGGCCATTGTTACTGGAAAAGACTGTCCTCACATG
 AAAGAGAAGAGTGCCCTGAAACAGAACAGGAGGTGTTGGAATTGGCCTTCTCCATCCTGTATGATCCTG
 ATGAGACACTGAATTTATTGCTCCCAACAAGTATGAGTACTGCATCTGGATTGATGGACTCAGCGCTCT
 CCTGGGAAGGATATGTCCAGCGAGCTAACCAAGAGCGACTTGGACACGCTGCTGAGCATGGAGATGAAG
 CTGCGGCTTCTGGACTTGGAGAACATTAGATCCCCGAGGCGCCACCTCCGGTCCCCAAGGAGCCAGCA
 GCTATGACTTCGTCTATCACTATGGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210342 protein sequence Red=Cloning site Green=Tags(s) MPPPSDIVKVAIEWPGANAQLLEIDQKRPLASIIKEVCDGWSLPNPEYYTLRYADGPQLYVTEQTRNDIK NGTILQLAVSPSRAARQLMERTQSSSMETRLDAMKELAKLSADVTFATEFINMDGIIVLTRLVESGKLL SHYSEMLAFTLTAFLELMDHGIVSWDMVSVTFIKQIAGYVSQPMVDVSILQRSLAILESMVLNSQSLYQK IAEEITVGQLISHLQVSNQEIQTYYAIALINALFLKAPEDKRQDKHLNPLDLPVTDMANAFAQKHLRSIIL NHVIRGNRPKITEMAHQLYVLQVLTFNLLLEERMMTKMDPNDQAQRDIIFELRRIAFDAESDPSNVPGSGT EKRKAMYTKDYKMLGFTNHINPALDFTQTPPGMLALDNMLYLAKVHQDTYIRIVLENSREDKHECPFGR SAIELTKMLCEILQVGELPNEGRNDYHPMFFTHDRAFEELFGICIQLLNKTWKEMRATAEDFNKVMQVVR EQITRALPSKPNSLDQFKSKLRSLSYSEILRLRQSERMSQDDFQSPPIVELREKIQPEILELIKQQLNR LCEGSSFRKIGNRRRQERFWHCRLALNHKVLHYGDLDDNPQGEVTFESLQEKIPVADIKAIVTGKDCPHM KEKSALKQNKEVLELAFSILYDPDETLNFIAPNKYEYCIWIDGLSALLGKDMSELTKSDLTLLSMEMK LRLDLENIQIPEAPPPVPKEPSSYDFVYHYG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_207706
ORF Size:	2196 bp
Buffer:	PBS with 0.001% Pluronic F1433
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_207706.1, NP_997589.1</u>
RefSeq Size:	4636 bp
RefSeq ORF:	2199 bp
Locus ID:	140579
UniProt ID:	<u>Q8BHL5</u>
Cytogenetics:	2 H3
MW:	83.9 kDa