

Product datasheet for **MR220040A1V**

Mouse Elmo2 (NM_080287) AAV Particle

Product data:

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



ORF Nucleotide Sequence: >MR220040 representing NM_080287
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCGCTCCGTCTGACATTGTCAAAGTGGCCATCGAGTGGCCAGGTGCTAACGCCAGCTCCTTGAAA
TTGACCAGAAACGGCCGCTGGCATCCATCATCAAGGAGGTGTGCGATGGGTGGTCACTGCCGAACCCGGA
GTACTACACCTCCGCTATGCAGATGGGCCTCAGCTCTACGTCACGGAGCAGACCCGAAATGACATTAAG
AACGGGACAATCTTACAACGGCCGCTCCCGCTCCCGGGCTGCACGCCAGTGATGAAAGGACCCAGT
CATCTAGTATGGAGACCCGGCTGGATGCCATGAAGGAGTTGGCTAAGCTCTCAGCTGACGTGACTTTCCG
CACGGAGTTCAATTAACATGGACGGCATCATTGTGCTGACGAGGCTCGTGGAGAGTGGGACCAAGCTCCTG
TCCCACTACAGTGAGATGCTGGCATTACCCCTGACTGCCTTCTTAGAGCTCATGGATCATGGCATTGTCT
CCTGGGACATGGTTTCAGTCACCTTTATTAAGCAGATTGCAGGGTACGTGAGCCAGCCCATGGTCGATGT
GTCCATCCTCCAGCGGTCCCTGGCCATCCTAGAGAGCATGGTACTAAACAGCCAGAGCCTGTACCAGAAG
ATAGCGGAGGAGATCACCGTGGGACAGCTCATCTCCACCTGCAGGTCTCAACCCAGGAGATCCAGACCT
ACGCCATTGCTCTGATTAAACGCGCTGTTCTGAAGGCCCCGAAAGACAAGAGACAGGACATGGCCAAATGC
CTTTGCACAGAAGCACCTTCGGTCCATAATCCTGAACCATGTGATCAGAGGGAATCGTCCAATCAAACA
GAGATGGCCATCAGCTGTATGTCTTCAGGTCTTGACCTTAACTTTGGAAGAAAGAATGATGACCA
AGATGGATCCCAATGACCAGGCTCAGAGAGACATTATATTTGAACTGAGGAGGATTGCCTTCGACGCAGA
GTCTGACCCAGCAACGTCGCCGGGAGTGGGACTGAAAAGCGCAAGGCCATGTATACCAAGGACTATAAA
ATGCTGGGCTTACCAACCATATCAACCCAGCCTTGGACTTCAACCAGACTCCTCCTGGAATGCTGGCGC
TGGACAACATGCTGTACCTGGCTAAAGTCCACCAGGACACCTACATCCGGATCGTGTGAGAACAGCAG
TCGGGAGGACAAACACGAGTGTCCGTTCCGCCGCAAGTCCATCGAGCTCACCAAGATGCTCTGTGAGATC
CTGCAGGTCGGGGAGCTCCCTAATGAAGGGCGCAATGACTACCACCCCATGTTCTTCAACCACGACCGAG
CCTTCGAGGAACTCTTCGGGATCTGCATCCAGCTGTGAACAAGACCTGGAAGGAGATGAGGGCGACAGC
CGAGGATTTCAACAAGTTATGCAAGTTGTCCGAGAGCAGATCACCCGGGCTCTGCCCTCTAAACCCAAC
TCTTTGGATCAGTTCAAGAGTAAACTTCGTAGCCTGAGCTACTCAGAAAATCTGCGGTTGCCCACTCTG
AGAGGATGAGCCAGGATGATTTCCAGTCCCACCAATTGTGGAGCTTCGAGAGAAGATACAGCCTGAGAT
CCTGGAGCTGATCAAGCAACAGCGCTCAACCCGCTATGCGAGGGCAGCAGCTTCGGAAAAATCGGGAAC
CGTCGTCCGCAAGAGAGGTTCTGGCACTGCCGCTTGGCACTGAACCACAAGGTTTTGCATTACGGTGACT
TGGATGACAACCCCAAGGGGAGGTGACATTGCAATCCCTGCAGGAGAAAATTCCTGTTGCAGATATTA
GGCCATTGTTACTGAAAAGACTGTCTCACATGAAAGAGAAGAGTGCCCTGAAACAGAAACAAGGAGGTG
TTGGAATTGGCCTTCTCCATCCTGTATGATCCTGATGAGACTGAATTCATTGCTCCCAACAAGTATG
AGTACTGCATCTGGATTGATGACTCAGCGCTCTCCTGGGAAGGATATGTCCAGCGAGCTAACCAAGAG
CGACTTGGACACGCTGCTGAGCATGGAGATGAAGCTGCGGCTTCTGGACTTGGAGAACATTCAGATCCCC
GAGGCGCCACCTCCGTTCCCAAGGAGCCAGCAGCTATGACTTCGTCTATCACTATGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	<p>>MR220040 representing NM_080287 Red=Cloning site Green=Tags(s)</p> <p>MPPPSDIVKVAIEWPGANAQLLEIDQKRPLASIIKEVCDGWSLPNPEYYTLRYADGPQLYVTEQTRNDIK NGTILQLAVSPSRAARQLMERTQSSSMETRLDAMKELAKLSADVTFATEFINMDGIIIVLTRLVESGKLL SHYSEMLAFTLTAFLELMDHGIVSWDMVSVTFIKQIAGYVSQPMVDVSIILQRSLAILESMVLNSQSLYQK IAEEITVGQLISHLQVSNQEIQTYAIALINALFLKAPEDKRQDMANAFQKHLRSIILNHVIRGNRPIKT EMAHQLYVLQVLTFNLL EERMMTKMPNDQAQRDIIFELRRIAFDAESDP SNVPGSGTEKRAMYTKDYK MLGFTNHINPALDFTQTPPGMLALDNMLYLAKVHQDTYIRIVLENSREDKHECPFGRSAIELTKMLCEI LQVGELPNEGRNDYHPMFFTHDRAFEELFGICIQLLNKTWKEMRATAEDFNKVMQVVREQITRALPSKPN SLDQFKSKLRSLSYSEILRLRQSERMSQDDFQSPPIVELREKIQPEILELIKQQLNRLCEGSSFRKIGN RRRQERFWHCRLALNHKVLHYGDLDDNPQGEVTFESLQEKIPVADIKAIVTGKDCPHMKEKSALKQNKVEV LELAFSILYDPDETLNF IAPNKYEYCIWIDGLSALLGKDMSSSELTSDLDLTLLEMEMKLRLLDLENIQIP EAPPPVPKEPSSYDFVYHYG</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_080287
ORF Size:	2160 bp
Buffer:	PBS with 0.001% Pluronic F3053
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_080287.2</u> , <u>NP_525026.2</u>
RefSeq Size:	4600 bp
RefSeq ORF:	2163 bp
Locus ID:	140579
UniProt ID:	<u>Q8BHL5</u>
Cytogenetics:	2 H3
MW:	83 kDa