

Product datasheet for **RC222021A1V**

Human ELMO2 (NM_182764) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	ELMO2
Synonyms:	CED-12; Ced-12A; CED12; ELMO-2; VMPI
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC222021 representing NM_182764
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCACCACCGTCAGACATTGTCAAAGTGCCATTGAGTGGCCAGGTGCTAACGCCAGCTCCTTGAAA
TCGACCAGAAACGGCCCTGGCATCCATTATCAAGGAAGTTTGTGATGGGTGGTCGTTGCCAAACCCAGA
GTATTATACCTCCGTTATGCAGATGGTCCTCAGCTGTACATCACCGAACAGACTCGCAGTGACATTAAG
AATGGGACAATCTTACAACGGCTATCTCCCCGTCGGGCTGCACGCCAGCTGATGGAGAGGCCCACT
CATCCAACATGGAGACCCGGCTGGATGCCATGAAGGAGCTGGCCAAAGCTCTCTGCCGACGTGACTTTCGC
TACTGAGTTCATCAACATGGATGGATCATTGTGCTGACAAGGCTCGTGAAAGTGGAAACCAAGCTCTTG
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ACGCCATTGCACTGATTAAATGCACTTTTTCTGAAGGCTCCTGAGGACAAAACGACAGGATATGGCAAATGC
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ATGCTGGGATTTACCAACCACATCAATCCAGCCATGGACTTACCAGACTCCTCCTGGAATGCTGGCCT
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CCGGGAAGACAAACATGAATGCCCTTTGGCCGCAAGTCCATTGAGCTCACAAAATGCTCTGTGAAATC
CTGCAGGTTGGGAACTACAAATGAAGGACGCAATGACTACCACCCGATGTTCTTTACCCATGACCCGAG
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AGAGGACTTCAACAAGTTATGCAAGTCGTCCGAGAGCAAACTACTCGAGCTTTGCCCTCAAACCCCAAC
TCTTTGGATCAGTTCAAGAGCAAAATGCGTAGCCTGAGTTACTCTGAGATTCTACGACTGCCCACTG
AGAGGATGAGTCAGGATGACTTCCAGTCCCGCCAATTGTGGAGCTGAGGGAGAAGATCCAGCCCGAGAT
CCTTGAGCTGATCAAGCAGCAGCGCTGAACCGGCTCTGTGAGGGCAGCAGCTTCCGAAAGATTGGGAAC
CGCCGAAGCAAGAACGGTCTGGTACTGCCGTTGGCACTGAACCACAAGGTCTTCACTATGGTGACT
TGGATGACAACCCACAAGGGGAGGTGACATTTGAATCCCTGCAGGAGAAAATCCTGTTGCAGACATTA
GGCCATTGTCACTGGGAAAGATTGTCCCCACATGAAAGAGAAAAGTGTCTGAAACAGAAACAAGGAGGTG
TTGGAATTGGCCTTCTCCATCCTGTATGACCCTGATGAGACCTTAACTTCACTCGCACCTAATAAATATG
AGTACTGCATCTGGATTGACGGCCTCAGTGCCCTTCTGGGGAAGGACATGTCCAGTGAGCTGACCAAGAG
TGACCTGGACACCTGCTGAGCATGGAGATGAAGCTGCGGCTCCTGGACCTGGAGAACATCCAGATTCCC
GAAGCCCCACCCCATCCCCAAGGAGCCAGCAGCTATGACTTTGTCTATCACTATGGC

ACGCGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC222021 representing NM_182764 Red=Cloning site Green=Tags(s) MPPPSDIVKVAIEWPGANAQLLEIDQKRPLASIIKEVCDGWSLPNPEYYTLRYADGPQLYITEQTRSDIK NGTILQLAISPSRAARQLMERTQSSNMETRLDAMKELAKLSADVTFATEFINMDGIIIVLTRLVESGKLL SHYSEMLAFTLTAFLELMDHGIVSWDMVSITFIKQIAGYVSQPMVDVSIILQRSLAILESMVLNSQSLYQK IAEEITVGQLISHLQVSNQEIQTYAIALINALFLKAPEDKRQDMANAFQKHLRSIILNHVIRGNRPIKT EMAHQLYVLQVLTFNLL EERMMTKMPNDQAQRDIIFELRRIAFDAESDPSNAPGSGTEKRAMYTKDYK MLGFTNHINPAMDFQTTPPGMLALDNMLYLAKVHQDTYIRIVLENSREDKHECPFGRSAIELTKMLCEI LQVGELPNEGRNDYHPMFFTHDRAFEELFGICIQLLNKTWKEMRATAEDFNKVMQVVREQITRALPSKPN SLDQFKSKLRSLSYSEILRLRQSERMSQDDFQSPPIVELREKIQPEILELIKQQLNRLCEGSSFRKIGN RRRQERFWYCRALALNHKVLHYGLDDNPQGEVTFESLQEKIPVADIKAIVTGKDCPHMKEKSALKQNKVEV LELAFSILYDPDETLNFIAPNKYEYCIWIDGLSALLGKDMSSSELTSDLDLTLLEMEMKLRLLDLENIQIP EAPPPIPKEPSSYDFVYHYG TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_182764
ORF Size:	2160 bp
Buffer:	PBS with 0.001% Pluronic F8436
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:	NM_182764.1 , NP_877496.1
RefSeq Size:	3596 bp
RefSeq ORF:	2163 bp
Locus ID:	63916
UniProt ID:	Q96JJ3
Cytogenetics:	20q13.12
MW:	82.4 kDa