

Product datasheet for **RC221244A1V**

Human EML2 (NM_012155) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EML2 (NM_012155) AAV Particle
Tag:	Myc-DDK
Symbol:	EML2
Synonyms:	ELP70; EMAP-2; EMAP2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221244 representing NM_012155
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGTAGCTTTGGAGCTGGCAAACCAAAGAAGTTATCTTCAGTGTGGAGGATGGCTCCGTGAAAAATGT
 TCCTGAGGGGGCCGCCCTGTGCCATGATGATCCCAGACGAGCTGGCACCCACCTACAGCCTGGACACACG
 CTCGGAGCTGCCCTTCTTGCCGGCTCAAGCTGGAGTGGGTCTATGGCTACCGTGGCCGAGACTGCCGGGCC
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 ATCTGGGACTCAGTTTCCCTCTCCACCTTACACGTGCTGGGCTTGGGGGTGTTTGACAGAGCCGTGTGCT
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 GCCCGCTCAGCCGGCTTCCACCCAGTGGCTCTGTCTGGCTGTGGGTACAGTACTGGCAGATGGCTGC
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 CTTCTCCCCAGACGGGGCGTACCTGGCCGTGGGCTCCACGACAACTGGTGTACGTGTACACGGTGGAC
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 GGGCCAGGACAGCAGCTGCTTTGTACCAACTCCGGGACTATGAGATTCTGTACTGGGACCCGGCTAC
 CTGTAAGCAGATCACCAGTGGGATGCTGTGAGGAACATGGAATGGGCCACAGCTACTTGTGTCTAGGG
 TTTGGGGTGTGGGATCTGGTCTGAGGGGGCGGACGGCACTGATATCAACGCTGTGGCCCGCTCTCATG
 ATGGGAAGTTGCTGGCTTCACTGATGACTTTGGCAAAGTTCACCTGTTTAGCTACCCCTGCTGTGAGCC
 TCGAGCCCTCAGCCACAAGTACGGTGGACACAGCAGCCATGTGACAAATGTGGCCTTCTGTGGGATGAC
 AGCATGGCCCTGACCACAGGGGGCAAGGACACCACTGTGCTACAGTGGCGGGTGGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC221244 representing NM_012155 Red=Cloning site Green=Tags(s) MSSFAGAGTKKEVIFSVEDGSVKMFLRGRPVPMIPDELAPTYSLDTRSELPSCRLKLEWVYGYRGRDCRA NLyllPTGEIYVFVASVAVLYSVEEQRRHYLGHNDDIKCLAIHPDMVTIATGQVAGTTKEGKPLPPHVR IWDSVSLSTLHVLGLGVFDRAVCCVGFSSNGGNLLCAVDESNDHMLSVWDWAKETKVVDVKCSNEAVLV ATFHPTDPTVLITCGKSHIYFWTLEGGSLSKRQGLFEKHEKPKYVLCVTFLEGGDVVTGDSGGNLYVWGK GGNRITQAVLGAHDGGVFGLCALRDGTLVSGGGRDRRVVLWGS DY SKLQEVEVPEDFGPVRTVAEGHGD LYVGTTRNSILQGSVHTGFSLLVQGHVEELWGLATHPSRAQFVTCGQDKLVHLWSSDSHQPLWSRIEDP ARSAGFHPSGSVLAVGTVTGRWLLDTEHDLVAIHTDGNEQISVVSFSPDGAYLAVGSHDNLVYYVTVD QGGKRVSR LGKCSGHSSFITHLDWAQDSSCFVTNSGDYEILYWD PATCKQITSADAVRNM EWATATCVLG FGVFGIWSEGADGTDINAVARSHDGKLLASADDFGKVHLFSYPCCQPRALSHKYGGHSSHVTNVAFLWDD SMALTTGGKDTSVLQWRVV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_012155
ORF Size:	1947 bp
Buffer:	PBS with 0.001% Pluronic F8303
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_012155.2</u>
RefSeq Size:	2275 bp
RefSeq ORF:	1950 bp
Locus ID:	24139
UniProt ID:	<u>O95834</u>
Cytogenetics:	19q13.32
MW:	70.7 kDa