

Product datasheet for **RC213603A1V**

Human Elastin (ELN) (NM_000501) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Elastin (ELN) (NM_000501) AAV Particle
Tag:	Myc-DDK
Symbol:	ELN
Synonyms:	ADCL1; SVAS; WBS; WS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC213603 representing NM_000501
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGGTCTGACGGCGGGCGCCCCGCGGCCCGGAGTCTCCTGCTCCTGCTGTCCATCTCCACCCCT
 CTCGGCCTGGAGGGTCCCTGGGGCATTCTTGGTGGAGTTCCTGGAGGAGTCTTTTATCCAGGGGCTGG
 TCTCGGAGCCCTTGGAGGAGGAGCGCTGGGGCCTGGAGGCAAACCTCTTAAGCCAGTTCCTCGGAGGGCTT
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 GCAGTGCTGGGGTCTTGGAGGGCTCGGGGCTCTCGGTGGAGTAGGCATCCAGGCGGTGTGGTGGGAG
 CCGGACCCGCCGCCGCGCTGCCGACGCCAAAGCTGTGCCAAAGCCGCCAGTTTGGCTAGTGGGAGC
 CGCTGGGCTCGGAGGACTCGGAGTCGGAGGGCTTGGAGTTCCAGGTGTTGGGGGCTTGGAGGTATACCT
 CCAGCTGCAGCCGCTAAAGCAGCTAAATACGGTGTGCTGGCCTTGGAGGTGTCCTAGGGGGTGCCGGGC
 AGTTCCCACTTGGAGGAGTGGCAGCAAGACCTGGCTTCGGATTGTCTCCATTTCCAGGTGGGGCCTG
 CCTGGGGAAAGCTTGTGGCCGAAGAGAAAA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC213603 representing NM_000501 Red=Cloning site Green=Tags(s) MAGLTAAAPRPGVLLLLLSILHPSRPGGVPGAIPGGVPGGVFYPGAGLGALGGGALGPGGKPLKVPVGG AGAGLGAGLGAFPAVTFPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGGLGVSAGAVVPQPGAGVKPGK VPGVGLPGVYPGGVLPGARFPVGGVLPVPTGAGVKPKAPGVGGAFAGIPGVGPFGGPQPGVPLGYPIKA PKLPGGYGLPYTTGKLPGYGPGGVAGAAGKAGYPTGTGVPQAAAAAAKAAKFGAGAAGVLPVGGGA GVPGVGAIPGIGGIAGVGTAAAAAAKAAKYGAAAGLVPGGPGFGPGVVGVPAGVPGVGVPGAG IPVVPAGIPGAAPGVVSPEAAAAKAAKAGARPGVGVGGIPTYGVGAGGFPFGVGVGGIPGVAGV PSVGGVPGVGGVPGVGSPEAQAAAAKAAKYGVGTAAAAKAAKAAQFGLVPGVGVAPGVGVAPGVG VAPGVGLAPGVGVAPGVGVAPGVGVAPGIGPGVAAAAKSAKVAQAQLRAAAGLGAGIPGLGVGVGP GLGVGAGVPLGVGAGVPGFAGADEGVRRSLSPELREGDPSSSQHLPSTPSSPRVPGALAAKAAKYGA AVPGVLGGLGALGGVGIPGGVVGAGPAAAAAAKAAKAAQFGLVGAAGLGGVGGVPGVGGVGGIP PAAAAKAAKYGAAGLGGVVGAGQFPLGGVAARPGFGLSPIFPGGACLGKACGRKRK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000501
ORF Size:	2274 bp
Buffer:	PBS with 0.001% Pluronic F7081
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_000501.1, NP_000492.1</u>
RefSeq Size:	3789 bp
RefSeq ORF:	2175 bp
Locus ID:	2006
UniProt ID:	<u>P15502</u>
Cytogenetics:	7q11.23
MW:	66.1 kDa