

Product datasheet for **RC213648A1V**

Human Elastin (ELN) (NM_001081753) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Elastin (ELN) (NM_001081753) 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:

>RC213648 representing NM_001081753
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGGGTCTGACGGCGGGCGGCCCGCGGCCGGAGTCTCCTGCTCCTGCTGTCCATCTCCACCCCT
 CTCGGCCTGGAGGGTCCCTGGGGCATTCTGGTGGAGTTCCTGGAGGAGTCTTTTATCCAGGGGCTGG
 TCTCGGAGCCCTTGGAGGAGGAGCGCTGGGGCCTGGAGGCAAACCTCTTAAGCCAGTTCCTCGGAGGGCTT
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 GTGAAGCCTGGAAAGTGCCGGGTGTGGGGCTGCCAGGTGTATACCCAGGTGGCGTGTCTCCAGGAGCTC
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 AGTGCTGGTGGGCCAGGCTTTGGCCCGGAGTAGTTGGTGTCCAGGAGCTGGCGTTCAGGTGTTGGT
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 CACCAGAAGCAGCTGCTAAGGCAGCTGCAAAGGCAGCCAAATACGGGGCCAGGCCCGAGTCCGAGTTGG
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 GGAGTCGAGGTGTCCCTGGTGTGCGAGGTGTTCCCGAGTCGAGGTGTCCCGGAGTTGGCATTTCCT
 CCGAAGCTCAGGCAGCAGCTGCCGCAAGGCTGCCAAGTACGGGTTAGTTCTGGTGTGCGCGTGGCTCC
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 CAAAATCCGCTGCCAAGGTGGCTGCCAAGCCAGCTCCGAGCTGCAGCTGGGCTTGGTGTGGCATCCC
 TGGACTTGGAGTTGGTGTGCGGTCCCTGGACTTGGAGTTGGTGTGGTGTCTGGACTTGGAGTTGGT
 GCTGGTGTCTGGCTTCGGGGCAGTACCTGGAGCCCTGGCTGCCGCTAAAGCAGCCAAATATGGAGCAG
 CAGTGCTGGGGTCTTGGAGGGCTCGGGGCTCTCGGTGGAGTAGGCATCCAGGCGGTGTGGTGGGAGC
 CGGACCCGCGCGCGCTGCCGAGCCAAAGTGTCTGCCAAGCCGCCAGTTTGGCCTAGTGGGAGCC
 GCTGGGCTCGGAGGACTCGGAGTCCGAGGGCTTGGAGTTCCAGGTGTGGGGGCTTGGAGGTATACCTC
 CAGCTGCAGCCGCTAAAGCAGCTAAATACGGAGTGGCAGCAAGACCTGGCTTCGGATTGTCTCCCATTTT
 CCCAGGTGGGGCTGCCTGGGAAAGCTTGTGGCCGGAAGAGAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC213648 representing NM_001081753 Red=Cloning site Green=Tags(s) MAGLTAAAPRPGVLLLLLSILHPSRPGGVPGAIPGGVPGGVFYPGAGLGALGGGALGPGGKPLKPVPGGL AGAGLGAGLGAFPAVTFPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGLGVSAAPSVPGAVVPQPGAG VKPGKVPGVGLPGVYPPGGVLPGARFPVGVLPVPTGAGVKPKAPGVGGAFAGIPGVGPFGGPQPGVPLG YPIKAPKLPGGYGLPYTTGKLPGYGPVGGVAGAAGKAGYPTGTGVGPQAAAAAAKAAKFGAGAAGVLP GVGGAGVPGVPGAIPGIGGIAGVGTAAAAAAKAAKYGAAAGLVPGGPFGPGVVGVPAGVPGVG VPGAGIPVVPAGIPGAAPVPGVVSPEAAAAKAAKAGARPGVGVGGIPTYGVGAGGFPFGVGVGGIP GVAGVPGVGGVPGVGGVPGVVISPEAQAAAAKAAKYGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVA PGVGVAPGVGVAPGIGPGGVAAAAKSAKVAAKQLRAAAGLGAGIPGLGVGVGPGLGVGAGVPLGVG AGVPGFGAVPGALAAAKAAKYGAAPVGVLGGLGALGGVGIPGGVVGAGPAAAAAAKAAKAAQFGLVGA AGLGGLGVGGLVPGVGGGLGIPAAAAKAAKYGVAARPGFGLSPIFPGGACLGKACGRKRK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001081753
ORF Size:	2076 bp
Buffer:	PBS with 0.001% Pluronic F7090
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_001081753.1</u>
RefSeq Size:	3384 bp
RefSeq ORF:	2079 bp
Locus ID:	2006
UniProt ID:	<u>P15502</u>
Cytogenetics:	7q11.23
MW:	59.95 kDa