

Product datasheet for **RC228488A1V**

Human LCORL (NM_001166139) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LCORL (NM_001166139) AAV Particle
Tag:	Myc-DDK
Symbol:	LCORL
Synonyms:	MLR1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC228488 representing NM_001166139
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGACAAGGGAAGAGAGAATGGCCGCTGCCGCCGCGCTGCTGCCGCCGCCGCCGCCGCCGCTCAGT
 GCCGGAGCCCTCGGTGCGCGCGGAGAGAAGAGGATTCCGGCGGGAACTCGACTCTTGGCGCCACCGCCT
 CATGCACTGTGTAGGTTTTGAGAGTATTTAGAAAGGGCTTTATGGACCACGGCTACGAAGAGACCTCAGT
 TTATTTGAAGACTGTGAACCAGAAGAGCTGACTGACTGGTCTATGGATGAAAAATGTTTCATTTTGAACC
 TACAGAGAGAAGCAGTCAGTGATTGTATACCATCTCTTGATTCTTCACAGTCAACACCAACAGAGGAGCT
 ATCATCTCAGGGCCAGTCCAACACTGATAAGATTGAATGCCAAGCAGAAAATTACCTAAATGCACCTTTT
 CGAAAGAAAGATCTTCCTCAGAACTGTGATCCTAACATTCCCCTAGTTGCTCAGGAATTAATGAAAAAGA
 TGATACGTCAATTTGCGATTGAGTACATTTCAAAAAGTGGTAAACTCAAGAGAATAGAAATGGTTCAT
 TGGACCAAGTATAGTATGTAAGATATCCAAATGAATCAAGCAGAAAACCTCCCTTCAGGAAGAGCAGGAA
 GGCCCCCTTAGACCTCACTGTGAATCGAATGCAAGAACAAAATACTCAGCAAGGGGATGGAGTGTTAGATC
 TCTCTACAAAGAAAACCAGCATAAAATCTGAAGAGTCATCCATATGTGATCCTTCTTCTGAAAATTCAGT
 GGCTGGGAGACTACACAGAAACAGAGAGGACTATGTGGAAGAAGTGTGAGTTTGACAGATGGTTTGCTC
 TCAAAAGCTTTGAAAGACATTCAGTCTGGAGCACTGGACATAAAATAAGCAGGCATACCTTTATGGCATAC
 CTCAAAAACCTTTACTTCTTCACTTAGAAGCCTTACCAGCAGGGAAGCCTGCATCTTTTAAAAACAAAAC
 TCGAGATTTCCATGATAGTTATTCATATAAGGACAGTAAAGAACTTGTGCAGTGCTGCAAAAAGTAGCC
 TTGTGGCAAGAGCTCAAGCAGAGCGCACAGAAAAAGTAACTCAATCTACTTGAAACCTCAGAAATAA
 AATCCCAACAGCTTCCACTTACCTCCATCAGTAACTCTACAGAAAAATGGTCACTCAGTTTAAAGAAAA
 AAATGAAAGCCTCCAATATGAAACTTCAAATCCTACTGTACAGTTAAAAATTCCTCAGCTACGAGTAAGT
 TCTGTCTCAAAATCACAACTGATGGTCTGGTCTGTTGGATGTTATGTATCAAGTTTCAAAACCTCTT
 CAGTCTAGAAGGATCAGCTCTCAAAAACCTGAAAAATATACTCCCTAAACAGAACAAAAAGAAATGTTT
 TGGGCTGTAACTCACTCAAGTGTTGACTCTTACTTTCTACATGGGGACCTCTCTCTTTGTGTCTTAAT
 TCTAAAAATGGAACAGTTGATGGAACCTCTGAAAACTGAAGATGGATTAGATCGAAAAGACAGTAAGC
 AGCCCAGGAAAAACGTGGCCGCTATCGGCAATATGATCATGAAATAATGGAAGAAGCTATTGCAATGGT
 AATGAGCGGAAAAATGAGTGTTTCAAAGCACAAGGAATTTATGGGTACCTCACAGCACTTTAGAATAC
 AAGGTAAGAAAGATCTGGAACACTGAAGACTCCTCCGAAGAAGAACTACGATTACCAGACACTGGGT
 TATATAATATGACAGATTCAGGGACTGCGAGCTGCAAAAACAGCAGCAAGCCTGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MDKGRERMAAAAAAAAAAAAAQCRSPRCAAERRGFRRELDSWRHRLMHCYGFESILEGLYGPRLRRDLS
 LFEDCEPEELTDWSMDEKCSFCNLQREAVSDCIPSLDSSQSTPTEELSSQGQSNQDIECQAENYLNALF
 RKKDLPLQNCDPNIPLVAQELMKMIRQFAIEYISKSGKTQENRNGSIGPSIVCKSIQMNQENSLQEEQE
 GPLDLTVNRMQEQNTQQGDGVLDTSTKTSIKSEESSICDPSSSENSVAGRLHRNREDYVERSAEFADGLL
 SKALKDIQSGALDINKAGILYIPQKTLHLLEALPAGKPASFKNKTRDFHDSYSYKDSKETCAVLQKVA
 LWARQAERTEKSKLNLLETSEIKFPTASTYLHQLTLQKMVTQFKEKNESLQYETSNPTVQLKIPQLRVS
 SVSKSQPDGSGLLDVMYQVSKTSSVLEGSALQKLKNILPKQNKIECSGPVTHSSVDSYFLHGDLSPLCLN
 SKNGTVDGTSENTEDGLDRKDSKQPRKKRGRYRQYDHEIMEEAIAMVMSGKMSVSKAQGIYGVPHSTLEY
 VKKERSGTLKTPPKKLRLPDTGLYNMTDSGTGSCKNSSKPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001166139
ORF Size:	1806 bp
Buffer:	PBS with 0.001% Pluronic F9428
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_001166139.1</u> , <u>NP_001159611.1</u>
RefSeq ORF:	1809 bp
Locus ID:	254251
UniProt ID:	<u>Q8N3X6</u>
Cytogenetics:	4p15.31
MW:	66.8 kDa