

Product datasheet for **RC238733A1V**

Human LIN54 (NM_001288997) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LIN54 (NM_001288997) AAV Particle
Tag:	Myc-DDK
Symbol:	LIN54
Synonyms:	CXCDC1; JC8.6; MIP120; TCX1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC238733 representing NM_001288997
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGTGGTGCCAGCTGAGATTGCTAAGAAGCCTCGAACGCCAACCTCTGGTCCAGTAAATCACGAAGC
 TGATCTTTGCAAACCAATTAATAGTAAAGCAGTTACAGGACAGACAACCTCAAGTTTCACCACCAGTCAT
 TGCAGGTAGGGTTCTTTACAGTCTACTCCCGAACTCCATCAAAGACCATAACAATATCTGAAAGTGGT
 GTTATTGGATCAACTTTAAATTTCTACAACACAGACACCAATAAAATAGCCATCTCACCTTTGAAATCGC
 CAAATAAGGCAGTGAAATCAACTGTGCAGACCATCACTGTTGGAGGAGTGAGCACATCACAGTTTAAGAC
 AATTATTCCTCTGGCACTGCTCCCAATGTCCAGCAGATTCAAGTGCCTGGAAGCAAGTTTCATTATGTC
 CGACTTGTACTGCCACATCAGCCAGTAGCTCAACCCAGCCAGTTAGTCAGAATCCAGTACAAACACTC
 AGCCTCTTCAGCAAGCAAAGCCAGTGGTTGTTAATAACAACCCAGTGGGATGTCAGTTCCAATTGTCTC
 AGCTCAGGCTGTCAAACAAGTTGTTCCAAAACCAATCAATCCAATTCACAAATAGTAAGTAACTAGCCAG
 CCACAGCAACGGCTTATCATGCCTGCCACACCACTGCCACAGATCCAGCCCAACCTCACTAACCTGCCAC
 CAGGCACTGTCCTGGCACCAGCTCCGGGAACAGGAATGTGGGTATGCACTGCTTCAGCTCAGTATGT
 TACTCAGCTACAGCAGTCTTCATATGTATCAATAGCAAGCAACTCTACCTTTACTGGAACATCTGGTATC
 CAGACCCAGGCACGGCTTCCATTCAATGGCATAATCCCATCAGAGTCGGCCAGTCGGCCCCGAAAGCCCT
 GTAATTGTACAAAATCACTGTGTTTGAAATTGTATTGTATTGCTTTGCAAAATGGTGAATTTGCAACAA
 CTGCAATTGTACTAATTGTTACAACAATTTGGAACATGAAAATGAAAGGCAAAAAGCAATAAAGGCATGC
 CTTGACAGAAATCCAGAAGCCTTTAAGCCTAAGATAGGAAAGGAAAGGAGGGAGAATCTGATCGACGTC
 ATAGCAAAAGGTGTAATTGCAACGATCAGGATGTCTTAAAACTACTGTGAATGCTATGAGGCAAAAAT
 AATGTGTTCTCAATATGCAAAATGTATTGGCTGTAAGAATTTTGAAGAAAGCCCGAAAGGAAGACATTG
 ATGCATTTGGCAGATGCAGCTGAAGTAAGGTAAGGTAAGGTAAGGTAAGGTAAGGTAAGGTAAGGTAAGG
 AAATTTAGACTTGCTTACTAGGCCAACACCAGCTTTAAATAGTGGAGGCGGAAATTTGCCATTTACATT
 TGTAAGTAAGGAAGTAGCTGAAGCCACATGTAATTGCCTCCTTGCCAGGCAGAGCAGGCAGACAAGAAG
 GGAAAATCAAAGGCAGCAGCGGAACGGATGATACTTGAGGAATTCGGACGATGTTTGATGAGTGCATCA
 ACTCTGCAGGAAAGGCAAAAAGTGACCCTTGTCATGAATTGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEVVP AEI AKKPRTP TSGPVITKLIFAKPINSKAVTGQTQVSPPIAGRVLSQSTPGTPSKTITISESG
 VIGSTLNSTTQTPNKIAISPLKSPNKAVKSTVQTTITVGGVSTSQFKTIIPLATAPNVQIQVPGSKFHYV
 RLVTATSASSSTQPVSNPSTNTQPLQQAQPVVNTTPVRMSVPIVSAQAVKQVVPKPINPTSQIVTTSQ
 PQQRLIMPATPLPQIQPNLTNLPPGTVLAPAGTGNVGYAVLPAQYVTLQSSYVSIASNSTFTGTSGI
 QTQARLPFNGIIPSESASRPKPCNCTKSLCLKLYCDFANGFCNNCNCNCCYNLEHENERQKAIKAC
 LDRNPEAFKPKIGKKEGESDRHSGKCNCKRSGCLKNYCECYEAKIMCSSICKIGCKNFEESEPERKTL
 MHLADAAEVRVQQTAATKLSSQISDLLTRPTPALNSGGGKLPTFTVKEVAEATCNLLAQAEQADKK
 GKSKAAERMILEEFGRCLMSVINSAGKAKSDPCAMNC

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001288997

ORF Size:

1584 bp

Buffer:	PBS with 0.001% Pluronic F68
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_001288997.1, NP_001275926.1</u>
RefSeq Size:	5217 bp
RefSeq ORF:	1587 bp
Locus ID:	132660
UniProt ID:	<u>Q6MZIP</u>
Cytogenetics:	4q21.22
MW:	56.3 kDa