

Product datasheet for **RC203867A1V**

Human LINGO1 (NM_032808) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LINGO1 (NM_032808) AAV Particle
Tag:	Myc-DDK
Symbol:	LINGO1
Synonyms:	LERN1; LRRN6A; MRT64; UNQ201
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC203867 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCAGGTGAGCAAGAGGATGCTGGCGGGGGCGTGAGGAGCATGCCAGCCCCCTCTGGCCTGCTGGC
 AGCCCATCTCTGCTGGTGCTGGGCTCAGTGCTGTGAGGCTCGGCCACGGGCTGCCCGCCCGCTGCGA
 GTGCTCCGCCCAGGACCGCGCTGTGCTGTGCCACCGCAAGCGCTTTGTGGCAGTCCCGAGGGCATCCCC
 ACCGAGACGCGCTGCTGGACCTAGGCAAGAACCGCATCAAAACGCTCAACCAGGACGAGTTCGCCAGCT
 TCCCGCACCTGGAGGAGCTGGAGCTCAACGAGAATCGTGAGCGCCGTGGAGCCGCGCCCTTCAACAA
 CCTCTTCAACCTCCGACGCTGGGTCTCCGACGCAACCGCTGAAGCTCATCCGCTAGGCGTCTTCACT
 GGCCTCAGCAACCTGACCAAGCTGGACATCAGCGAGAACAGATCGTTATCTACTGGACTACATGTTTC
 AGGACCTGTACAACCTCAAGTCACTGGAGGTTGGCGACAATGACCTCGTCTACATCTCTACCGCGCCTT
 CAGCGGCTCAACAGCTGGAGAGCTGACGCTGGAGAAATGCAACCTGACCTCCATCCCCACCGAGGCG
 CTGTCCCACTGCACGGCTCATCGTCTGAGGCTCCGGCACCTCAACATCAATGCCATCCGGGACTACT
 CCTTCAAGAGGCTGTACCGACTCAAGGTCTTGGAGATCTCCCACTGGCCCTACTTGGACACCATGACACC
 CAACTGCCTCTACGGCTCAACCTGACGTCCCTGTCCATCACACACTGCAATCTGACCGTGTGCCCTAC
 CTGGCCGTCCGCCACCTAGTCTATCTCCGCTTCTCAACCTCTCTACAACCCCATCAGCACCATTGAGG
 GCTCCATGTTGCATGAGTGTCTCCGGCTGCAGGAGATCCAGCTGGTGGCGGGCAGCTGGCCGTGGTGA
 GCCCTATGCCCTCCGCGGCCCAACTACCTGCGCGTGTCAATGTCTCTGGCAACCAGCTGACCACTG
 GAGGAATCAGTCTTCACTCGGTGGGCAACCTGGAGACTCATCTGGACTCCAACCCGCTGGCCTGCG
 ACTGTCCGCTCCTGTGGTGTTCCGGCGCCGCTGGCGGCTCAACTCAACCGGCAGCAGCCACGTGCGC
 CACGCCCGAGTTTGTCCAGGGCAAGGAGTTCAAGGACTTCCCTGATGTGCTACTGCCCAACTACTTCACC
 TGCCGCGCGCCCGCATCCGGGACCGCAAGGCCAGCAGGTGTTTGTGGACGAGGGCCACACGGTGCAGT
 TTGTGTGCCGGCCGATGGCGACCCGCCGCCCATCTCTGGCTCTACCCCGAAAGCACCTGGTCTC
 AGCCAAGAGCAATGGCGGCTCACAGTCTTCCCTGATGGCACGCTGGAGGTGCGCTACGCCAGGTACAG
 GACAACGGCACGTACCTGTGCATCGCGGCAACGCGGGCGGCAACGACTCCATGCCCGCCACCTGCATG
 TGCGCAGTACTCGCCGACTGGCCCATCAGCCCAACAAGACCTTCGCTTTCATCTCCAACAGCCGGG
 CGAGGGAGAGGCCAACAGCACCCGCGCCACTGTGCCTTTCCTTCGACATCAAGACCCTCATCATGCC
 ACCACCATGGGCTTCATCTTTCTGGCGTGTCTCTTCTGCTGCTGCTGTTTCTCTGGAGCC
 GGGGCAAGGGCAACACAAAGCACAACATCGAGATCGAGTATGTGCCCCGAAAGTCGGACGCAGGCATCAG
 CTCGCGCAGCGCCCCGCAAGTTCAACATGAAGATGATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203867 protein sequence
 Red=Cloning site Green=Tags(s)

MQVSKRMLAGGVSRMPSPLLACWQPIILLVLGSLVSGSATGCPPRCECSAQDRAVLCHRKFVAVPEGIP
 TETRLDLGKNRIKTLNQDEFASFPHLEELNENIVSAVEPGAFNNLNLRLTLGLRSNRLKLIPLGVFT
 GLSNLTKLDISENKIVILLDYMFDLYNLKSLEVGDNDLVYISHRAFSGLSLEQLTLEKCNLTSTIPTEA
 LSHLHGLIVLRHLNINAIIRDYSFKRLYRLKVLEISHWPYLDTMPNCLYGLNLTSLSTHNCNLTA
 VAVPYLAVRHLVYLRFLNLSYNPISTIEGSMHELLRLQEIQLVGGQLAVVEPYAFRGLNYLRVLNVSGNQLTTL
 EESVFHSVGNLETLILDSNPLACDCRLLWVFRWRWLNFRNQPTCATPEFVQGEKDFPDVLLPNYFT
 CRRARIRDRKAQQVFVDEGHTVQFVCRADGDPPIAILWLSRPHLVSASNGRLTVFPDGTLEVRVYQVQ
 DNGTYLCIAANAGGNDSPAHLHVRYSYSPDWPHQPNKTFAFISNPGEANSTRATVPFPFDIKTLIIA
 TTMGFISFLGVVLFCLVLLFLWSRGKGNTHNIEIEYVPRKSDAGISSADAPRKFNMKMI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_032808
ORF Size:	1860 bp
Buffer:	PBS with 0.001% Pluronic F5493
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_032808.5</u>
RefSeq Size:	3109 bp
RefSeq ORF:	1863 bp
Locus ID:	84894
UniProt ID:	<u>Q96FE5</u>
Cytogenetics:	15q24.3
MW:	69.9 kDa