

Product datasheet for **MR215769A1V**

Mouse Lingo2 (NM_001166001) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Lingo2 (NM_001166001) AAV Particle
Tag:	Myc-DDK
Symbol:	Lingo2
Synonyms:	B230217C06Rik; Lern3; Lrrn6c
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR215769 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTCACACGGCTATACCATGCTGGCAGCCATTCTGGGTCTGGCTGTGGTGTACTCTTAATGGGAT
 CCACCATTGGCTGCTCCTGCTCGCTGTGAGTGCTCGCCAGAACAAATCTGTTAGCTGCCACAGAAGACG
 ATTGCTCGGATCCCAGAAAGCATTCCATTGAGACAAAATCTTGACCTGAGCAAAAATCGACTAAAG
 AGCATAAACCTGAAGAGTTCATCTCATATCCTCTGTTGGAGGAGATAGACTTGAGCGACAACATTATTG
 CCAATGTGGAGCCTGGGGCATTTAAATCTCTTTAACCTGCGTTCCTCCGCCTAAAAGGCAATCGCCT
 TAAGTTGGTCCCTTAGGAGTATTCACAGGACTGTCCAACCTCACCAAGCTTGACATTAGTGAGAATAAG
 ATTGTCATTTTGTGGACTACATGTTCCAGGATCTGCATAACCTGAAGTCTCTAGAAGTGGGGGACAATG
 ATTTAGTGATATCTCACACAGGGCCTTCAGCGGACTACTAGCTTGAGCAGCTCACCTGGAGAAGTG
 CACTTGACAGCAGTACCAACAGAAGCCCTTTCCATCTCCGACGCTCATCGCCCTGCATCTGAAGCAT
 CTCAATATCAACAATATGCCTGTGTATGCCTTTAAAGATTGTTCCACCTGAAAAACCTAGAGATCGACT
 ATTGGCCTTTGTTGGATTGATGCCAGCCAACAGCCTCTATGGTCTCAACCTCACGTCCCTTTCAATCAC
 CAACACCAACCTGTCCACTGTCCCTTCTCGCTTTAAACACCTTGATACCTGACCCACCTTAACCTC
 TCCTACAATCCCATCAGCACTATTGAAGCTGGCATGTTCTCTGACCTGATCCGCCTACAGGAGCTTCATA
 TAGTGGGGGCCAGCTCCGCACTATTGAGCCTCACTCCTTCCAAGGGCTCCGCTTCTCCGTGTGCTCAA
 TGTATCTCAGAACCTGCTGGAACATTGGAAGAGAACGTCTTCTCCTCCCCTAGGGCTTTGGAGGTCCTG
 AGCATTAAACAACCCACTAGCCTGTGACTGCCGACTCCTCTGGCTCCTGCAGCGACAACCCAACTGC
 AGTTTGGGGGCCAGAGCCCATGTGTGCTGGGCCAGACACCATCCGTGAGAGATCATTTAAGGATTTCCA
 TAGCACTGCTCTTTCTTTTATTTTACCTGCAAAAAACCCAAAATCCGTGAAAAGAAGTTACAGCATCTC
 CTCGTGGATGAAGGGCAAACGGTCCAGCTGGAGTGCAACGCTGATGGAGACCCGAGCCCGTGATTTCT
 GGGTGACACCTCGAAGGCGTTTTATCACCACCAAGTCCAACGGAAGGGCCACTGTGTTGGGTGATGGCAC
 CTTGGAATCCGTTTTGCCAGGATCAAGACAGTGGGATGTATGTTTGCATCGCGAGCAACGCTGCTGGG
 AACGATACCTTACAGCATCTCTCACTGTGAAGGGATTACGTCAGACCGCTTCTTTACGCAACAGGA
 CCCCTATGTACATGACTGACTCCAACGACACCGTTTCCAACGGCACTAATGCCAATACTTCTCCCTGGA
 CCTTAAACAATACTGGTATCTACAGCCATGGGCTGTTTACATTCTGGGAGTGGTTTTATTTTGT
 CTCCTTCTTTTGTGTGGAGCCGAGGGAAGGCAAGCACAAAAACAGCATTGACCTTGAGTATGTCCCC
 GAAAAACAATGGTGCTGTTGTGAAGGGGAGGTGGCTGGCCCCAGGAGTTCAACATGAAAATGATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR215769 protein sequence
 Red=Cloning site Green=Tags(s)

MLHTAIPCWQPFLLGLAVVLLMGSTIGCPARCECSAQNKSVSCHRRRLLAIEGPIPIETKILDLSKNRLK
 SINPEEFISYPLLEEIDLSNIIANVEPGAFNNLFNLRSLRLKGNRLKLVPLGVFTGLSNLTKLDISENK
 IVILLDYMFQDLHNLKSLEVGDNDLVYISHRAFSGLLSLEQLLEKCNLTAVPTEALSHLRSLIALHLKH
 LNINMPVYAFKRLFHLKNLEIDYWPLDLMPANSLYGLNLTSLITNTNLSTVPFLAFKHLVYLTHLNL
 SYNPISTIEAGMFSDLIRLQELHIVGAQLRTIEPHSFQGLRFLRVNLVSNLLETLEENVFSSPRALEVL
 SINNNPLACDCRLLWLLQRQPNLQFGGQPMCAAGPDTIRERSFKDFHSTALSFYFTCKPKIREKKLQHL
 LVDEGQTVQLECNADGDPQPVISWVTPRRRFITTKSNGRATVLGDGTLIRFAQDQDSGMYVCIASNAAG
 NDTFTASLTVKGFTSDRFLYANRTPMYMTDSNDTVSNGTNANTFSLDLKILVSTAMGCFTFLGVVLFCH
 LLLFVWSRGKGKHKNSIDLEYVPRKNGAVVEGEVAGPRRFNMKMI

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_001166001
ORF Size:	1818 bp
Buffer:	PBS with 0.001% Pluronic F2322
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_001166001.1, NP_001159473.1</u>
RefSeq Size:	3562 bp
RefSeq ORF:	1821 bp
Locus ID:	242384
UniProt ID:	<u>Q3URE9</u>
Cytogenetics:	4 A5
MW:	68.1 kDa