

Product datasheet for **RC215375A1V**

Human LMX1A (NM_177398) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LMX1A (NM_177398) AAV Particle
Tag:	Myc-DDK
Symbol:	LMX1A
Synonyms:	DFNA7; LMX1; LMX1.1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC215375 representing NM_177398 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCTGGACGGCCTAAAGATGGAGGAGAACTTCCAAAGCGCGATCGACACCTCGGCCTCCTTCTCCTCGC
TGCTGGGCAGAGCGGTGAGCCCCAAGTCTGTCTGCGAGGGCTGTGACGCGGTGATCTTGGACAGGTTTCT
GCTGCGGCTCAACGACAGCTTCTGGCATGAGCAGTGCCTGTCAGTGCCTCTGCAAAGAGCCCCCTGGAG
ACCACCTGCTTCTACCGGGACAAGAAGCTGTACTGCAAGTATGACTACGAGAAGCTGTTTGCTGTTAAAT
GTGGGGGCTGCTTCGAGGCCATCGCTCCCAATGAGTTTGTATGCGGGCCAGAAGAGTGTATACCACCT
GAGCTGCTTCTGCTGCTGTGTCTGCGAGCGACAGCTTCAGAAGGGTGATGAGTTTGTCTGAAGGAGGGG
CAGCTGCTCTGCAAAGGGGACTATGAGAAGGAGCGGGAGCTGCTCAGCCTGGTGAGCCCAGCAGCCTCAG
ACTCAGGTAAAAGTGATGATGAAGAAAGTCTCTGCAAGTCAGCCCATGGGGCAGGGAAAGGAAGTCTGA
GGAAGGCAAGGACCATAAGCGCCCCAAACGTCCGAGAACCATCTTGACAACTCAACAGAGGCGAGCATTC
AAGGCCTCATTTGAAGTATCCTCAAGCCCTGCAGGAAGGTGAGAGAGACTCTGGCTGCAGAGACAGGGC
TGAGTGTCCGTGCTCCAGGTGTGGTTCCAAAACAGAGAGCGAAGATGAAGAAGCTGGCCAGGCGACA
GCAGCAGCAGCAGCAAGATCAGCAGAACACCCAGAGGCTGAGCTCTGCTCAGACAAACGGTGGTGGGAGT
GCTGGGATGGAAGGAATCATGAACCCCTACACGGCTCTGCCCACCCACAGCAGCTCCTGGCCATCGAGC
AGAGTGTCTACAGCTCAGATCCCTTCCGACAGGGTCTACCCCAACCCAGATGCCTGGAGACCACATGCA
CCCTTATGGTGCCGAGCCCTTTTCCATGACCTGGATAGCGACGACACCTCCCTCAGTAACCTGGGTGAC
TGTTTCCTAGCAACCTCAGAAGCTGGGCCTCTGCAGTCCAGAGTGGGAAACCCATTGACCATCTGTACT
CCATGCAGAATTCTTACTTCACATCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence:	>RC215375 representing NM_177398 Red=Cloning site Green=Tags(s) MLDGLKMEENFQSAIDTSASFSSLLGRAVSPKSVCEGCQRVILDRFLLRLNDSFWHEQCVQCASCKEPLE TTCFYRDKKLYCKYDYEKLFVAVKCGGCFEAIAPNEFVMRAQKSVYHLSCFCCCVCERQLQKGDEFVLKEG QLLCKGDYEKERELLSLVSPAASDSGKSDDEESLCKSAHGAGKGTAEEGKDHKRPKRPTILTTQRRRAF KASFEVSSKPCRKVRETLAAETGLSVRVVQVWFQNRQAKMKKLARRQQQQQDQQTQRLSSAQTNGGGS AGMEGIMNPYTALPTPQQLLAIEQSVYSSDPFRQGLTPPQMPGDHMPYGAEPLFHDLDSDDTSLNLGD CFLATSEAGPLQSRVGNPIDHLYSMQNSYFTS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_177398
ORF Size:	1146 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_177398.2</u> , <u>NP_796372.1</u>
RefSeq Size:	3382 bp
RefSeq ORF:	1149 bp
Locus ID:	4009
UniProt ID:	<u>Q8TE12</u>
Cytogenetics:	1q23.3
MW:	42.6 kDa