

Product datasheet for **RC210188A1V**

Human LMX1B (NM_002316) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LMX1B (NM_002316) AAV Particle
Tag:	Myc-DDK
Symbol:	LMX1B
Synonyms:	FSGS10; LMX1.2; NPS1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC210188 representing NM_002316. Blue=ORF Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGTTGGACGGCATCAAGATGGAGGAGCAGCCCTGCGCCCCGGGCCCGCACTCTGGGGTGCTGCTG
GGCTCCGACTGCCGCATCCCGCGTCTGCGAGGGCTGCCAGCGGCCATCTCCGACCGTTCCTGATG
CGAGTCAACGAGTCGTCTGGCAGGAGGAGTGTTCAGTGCGCGGCGTGTGAGCAAGCCCTCACCACC
AGCTGCTACTCCGGGATCGGAACTGTACTGCAACAAGACTACCAACAGCTCTTCGGGCCAAGTGC
AGCGGCTGCATGGAGAAGATCGCCCCACCGAGTTCGTGATGCGGGCGCTGGAGTGCCTGTACCACTG
GGCTGCTTCTGCTGCTGCGTGTGTGAACGGCAGCTACGCAAGGGCGACGAATTCGTGCTCAAGGAGGGC
CAGCTGCTGTGCAAGGGTGACTACGAGAAGGAGAAGGACCTGCTCAGCTCCGTGAGCCCCGACGAGTCC
GACTCCGTGAAGAGCGAGGATGAAGATGGGGACATGAAGCCGGCCAAGGGCAGGGCAGTCAGAGCAAG
GGCAGCGGGGATGACGGGAAGGACCCGCGGAGGCCAAGCGACCCGGACCATCCTCACCACGCAGCAG
CGAAGAGCCTTCAAGGCCTCCTTCGAGGTCTCGTCAAGCCTTGCCGAAAGGTCCGAGAGACACTGGCA
GCTGAGACGGGCCTCAGTGTGCGCTGGTCCAGGTCTGGTTTCAGAACCAAGAGCAAAGATGAAGAAG
CTGGCGCGGGCCAGCAGCAGCAGGAGCAGCAGAATCCAGCGGCTGGGCCAGGAGTCTGTCC
AGCCGCATGGAGGGCATGATGGTTCCTACACGCCGCTGGCCCCACACAGCAGCAGATCGTGGCCATG
GAACAGAGCCCCACGGCAGCAGCAGCCCTTCCAGCAGGGCCTACGCCGCCCAAATGCCAGGGAAC
GACTCCATCTTCATGACATCGACAGCGATACCTCCTTAACCAGCCTCAGCGACTGCTTCCTCGGCTCC
TCAGACGTGGGCTCCCTGCAGGCCCGCTGGGGAACCCATCGACCGGCTCTACTCCATGCAGAGTTCC
TACTTCGCCTCC
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC



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Protein Sequence:	>Peptide sequence encoded by RC210188 Blue=ORF Red=Cloning site Green=Tag(s) MLDGIKMEEHALRPGPATLGVLLGSDCPHPAVCEGCQRPISDRFLMRVNESSWHEECLQCAACQQALT SCYFRDRKLYCKQDYQQLFAAKCSGCMKIAPTFVIMRALECVYHLGCFCCVCERQLRKGDEFVLKEG QLLCKGDYEKEKDLLSSVSPDES SVKSEDEDGDMKPAKGQGSQSKGSGDDGKDP RRPKRPTILTTQQ RRAFKA SFEVSSKPCRKVRETLAAETGLSVRVVQVWFQNRQAKMKKLARRHQQQEQQNSQRLGQEVLS SRMEGMMASYTPLAPPQQIVAMEQSPYGSSDPFQQGLTPPQMPGND SIFHDIDS DTSLSLSDCFLGS SDVGSLQARVGNPIDRLYSMQSSYFAS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002316
ORF Size:	1116 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_002316.1</u>
RefSeq Size:	5783 bp
RefSeq ORF:	1188 bp
Locus ID:	4010
UniProt ID:	<u>O60663</u>
Cytogenetics:	9q33.3
MW:	41.6 kDa