

Product datasheet for **RC200455A1V**

Human LOXL2 (NM_002318) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LOXL2 (NM_002318) AAV Particle
Tag:	Myc-DDK
Symbol:	LOXL2
Synonyms:	LOR; LOR2; WS9-14
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC200455 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

ATGGAGAGGCCTCTGTGCTCCACCTCTGCAGCTGCCTGGCTATGCTGGCCCTCCTGTCCCCCTGAGCC
TGGCACAGTATGACAGCTGGCCCCATTACCCCGAGTACTTCCAGCAACCGGCTCCTGAGTATCACCAGCC
CCAGGCCCCCGCAACGTGGCCAAGATTGAGCTGCGCCTGGCTGGGCAGAAGAGGAAGCACAGCGAGGGC
CGGGTGGAGGTACTATGATGGCCAGTGGGGACCGTGTGCGATGACGACTTCTCCATCCACGCTGCCC
ACGTCGTCTGCCGGGAGCTGGGCTACGTGGAGGCCAAGTCTGGACTGCCAGCTCCTCTACGGCAAGGG
AGAAGGGCCCATCTGGTTAGACAATCTCCACTGTACTGGCAACGAGGCGACCCTTGCAGCATGCACCTCC
AATGGCTGGGGCGTCACTGACTGCAAGCACACGGAGGATGTCGGTGTGGTGTGCAGCGACAAAAGGATTC
CTGGGTTCAAATTTGACAATTCGTTGATCAACCAGATAGAGAACCTGAATATCCAGGTGGAGGACATTCCG
GATTCGAGCCATCCTCTCAACCTACCGCAAGCGCACCCAGTGATGGAGGGCTACGTGGAGGTGAAGGAG
GGCAAGACCTGGAAGCAGATCTGTGACAAGCACTGGACGGCCAAGAATTCGCGCTGGTCTGCGGCATGT
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TGCGACGACAAGTGGGACCTGGTGTGCGCCAGTGTGGTCTGCAGAGAGCTGGGCTTTGGGAGTGCCAAAG
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CAATGAGAAAGTCCATTATAGACTGCAAGTTCAATGCCGAGTCTCAGGGCTGCAACCACGAGGAGGATGCT
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ACGAGGGCCGAGTGGAGGTGCTGGTGGAGAGAAACGGGTCCCTTGTGTGGGGGATGGTGTGTGGCCAAA
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GAGACCTGGTATTGGCACGGAGATGTCAACAGCAACAAAGTGGTCATGAGTGGAGTGAAGTGTCTGGGAA
CGGAGCTGTCCCTGGCGCACTGCCGCCACGACGGGAGGACGTGGCCTGCCCCAGGGCGGAGTGCAGTA
CGGGGCCGGAGTTGCCTGCTCAGAAACCGCCCCTGACCTGGTCTCAATGCGGAGATGGTGCAGCAGACC
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CCGCGCAGACCGACCCACACGGGCTACCGCCGGCTCCTGCGCTTCTCCTCCAGATCCACAACAATGG
CCAGTCCGACTTCCGGCCCAAGAACGGCCGCCACGCGTGGATCTGGCACGACTGTACAGGCACTACCAC
AGCATGGAGGTGTTACCCCACTATGACCTGCTGAACCTCAATGGCACCAAGGTGGCAGAGGGCCACAAGG
CCAGCTTCTGCTTGGAGGACACAGAATGTGAAGGAGACATCCAGAAGAATTACGAGTGTGCCAATTCCG
CGATCAGGGCATCACCATGGGCTGCTGGGACATGTACCGCATGACATCGACTGCCAGTGGGTTGACATC
ACTGACGTGCCCCCTGGAGACTACCTGTTCCAGTTGTTATTAACCCCACTTCGAGGTTGCAGAATCCG
ATTACTCCAACAACATCATGAAATGCAGGAGCCGCTATGACGGCCACCGCATCTGGATGTACAACTGCCA
CATAGGTGGTTCCTTCAGCGAAGAGACGAAAAAAGTTTGAACACTTCAGCGGGCTCTTAACAACCCAG
CTGTCCCGCAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200455 protein sequence Red=Cloning site Green=Tags(s) MERPLCSHLCSCLAMALLSPLSLAQYDSWPHYPEYFQQPAPEYHQAPANVAKIQLRLAGQKRKHSEG RVEVYYDGQWGTVCDDDFSIHAAHVVCRELGYVEAKSWTASSSYGKGEGPIWLDNLHCTGNEATLAacts NGWGVTDCKHTEDVGVCSDKRIPGFKFDNSLINQIENLNIQVEDIRIRAILSTYRKRTPVMEGYVEVKE GKTWKQICDKHWTAKNSRVVCGMFGFPGERTYNTKVYKMFASRRKQRYWPFsMDCTGTEAHISsCKLGPQ VSLDPMKNVTCENGLPAVVSCVPGQVFSPDGPSRFRKAYKPEQPLVRLRGGAYIGEGRVEVLKNGEWGTV CDDKWDLVsASVVCRELGFgsAKEAVTGsRLGQGIGPIHLNEIQCTGNEKSIIDCKFNAESQGCNHEEDA GVRcntPAMGLQKKLRLNGGRNPYEGRVEVLVERNGSLVWGMVCGQNWGIVEAMVVCRLGLGFASNAFQ ETWYWHGDVNSNKVVMsGVKCSGTELsLAHCRHDGEDVACPQGGVQYGAGVACSETAPDLVLNAEMVQQT TYLED RPMFLLQcAMEENCLsASAAQTDPTTGYRLLRFSSQIHNNGQSDFRPKNGRHAWIWhDCHRHYYH SMEVFTHYDLLNLNGTKVAEGHKASFCLEDTECEGDIQKNYECANFGDQGITMGcWDMyRHIDICQWVDI TDVPPGDYLFQVVINPNFEVAESDYSNNIMKCRsRYDGHRIWMyNCHIGGSFSEETEkKFEHfSGLLNQ LSPQ SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002318
ORF Size:	2322 bp
Buffer:	PBS with 0.001% Pluronic F5065
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_002318.2</u>
RefSeq Size:	3810 bp
RefSeq ORF:	2325 bp
Locus ID:	4017
UniProt ID:	<u>Q9Y4K0</u>
Cytogenetics:	8p21.3
MW:	86.7 kDa