

Product datasheet for **RC209830A1V**

Human LOXL1 (NM_005576) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LOXL1 (NM_005576) AAV Particle
Tag:	Myc-DDK
Symbol:	LOXL1
Synonyms:	LOL; LOXL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209830 representing NM_005576
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCTCTGGCCCGAGGCAGCCGGCAGCTGGGGCCCTGGTGTGGGGCGCCTGCCTGTGCGTGCTGGTGC
 ACGGGCAGCAGGCGCAGCCCGGCAGGGCTCGGACCCCGCCCGCTGGCGGCAGCTGATCCAGTGGGAGAA
 CAACGGGCAGGTGTACAGCTTGTCAACTCGGGCTCAGAGTACGTGCCGGCCGGACCTACGCGCTCCGAG
 AGTAGCTCCCGGGTGTGCTGGCCGGCGCGCCAGGCCAGCAGCGCGCAGCCACGGGAGCCCCCGGC
 GTCGGCAGGCGCCGTCCCTGCCCTGCCGGGGCGCGTGGGCTCGGACACCGTGCGCGCCAGGCGCGCA
 CCCATTGCGCTTTGGCCAGGTGCCGACAACCTGGCGCAGGTGGCCGTGGGGACAGCACGGGCATGGCC
 CGGGCCCGCACCTCCGTCTCCAGCAACGGCACGGGACTCCGCTCCTCGGTCTCGGCTTCGGCTTCG
 CCAGCACCTACCGCCAGCAGCCCTCTACCCGACAGTTCCTCTACCCGACGGCGCCCTTCGTAGCCA
 GTACGAGAACTACGACCCCGCTCGCGACCTACGACAGGGTTTCGTGTACTACCGCCCGCGGGCGGC
 GGCGTGGGCGCGGGGGCGCGCGCTGGCTCGCGGGGGTCACTACCCCTACAGCCCGGGCGCGCT
 ACGAGGAGTACGGCGGCGGCGAAGAGCTGCCCGAGTACCCGCTCAGGGCTTCTACCCGGCCCCGAGAG
 GCCCTACGTGCCGCGCGCCGCGCCGCCCGCCCGACGGCCTGGACCGCGCTACTCGCACAGTCTGTACAGC
 GAGGGCACCCCGGCTTCGAGCAGGCCTACCCTGACCCCGGTCCCGAGGCGGCGCAGGCCCATGGCGGAG
 ACCCACGCTGGGCTGGTACCCGCCCTACGCCAACCCGCCCGCCGAGGCGTACGGGCGCCGCGCGCT
 GGAGCCGCCCTACCTGCCGTGCGCAGCTCCGACACGCCCCCGCCGGTGGGGAGCGGAACGGCGCGCAG
 CAGGGCCGCTCAGCGTGGGCAGCGTGTACCGGCCAACAGAACGGCCGCGGTCTCCCTGACTTGGTCC
 CAGACCCCAACTATGTGCAAGCATCACTTATGTGCAGAGAGCCACCTGTACTCCCTGCGCTGTGCTGC
 GGAGGAGAAGTGTCTGGCCAGCACAGCCTATGCCCTGAGGCCACCGACTACGATGTGCGGGTGCTACTG
 CGCTTCCCCCAGCGCGTGAAGAACCAGGCGACAGCAGACTTCTCCCCAACCGGCCACGGCACACCTGGG
 AGTGGCACAGCTGCCACCAGCATTACCACAGCATGGACGAGTTAGCCACTACGACCTACTGGATGCAGC
 CACAGGCAAGAAGGTGGCCGAGGGCCACAAGGCCAGTTTCTGCCTGGAGGACAGCACCTGTGACTTCGGC
 AACCTCAAGCGCTATGCATGCACCTCTCATACCCAGGGCTGAGCCAGGCTGCTATGACACCTACAATG
 CGGACATCGACTGCCAGTGGATGCACATAACCGACGTGCAGCCTGGGAACATACCTCAAGGTGCACGT
 GAACCCAAAGTATATTGTTTGGAGTCTGACTTCACCAACAACGTGGTGAGATGCAACATTCCTACACA
 GGTGCTACGTTTCTGAACAACTGAAAATTGTCCAATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MALARGSRQLGALVWGACLCVLVHGQQAQPGQSDPARWRQLIQWENNGQVYSLNLSGSEYVPAGPQRSE
 SSSRVLLAGAPQAQRRSHGSPRRRQAPSLPLPGRVGS DTVRGQARHPFGFQVDPDNWREAVAGDSTGMA
 RARTSVSQQRHGDSSASSASAFASYRQPSYPQQFPYPQAPFVSQYENYDPASRTYDQGFVYYRPAGG
 GVGAGAAAVASAGVIYPYQPRARYEYGGGEELPEYPPQGFYPAPERPYVPPPPPPDGLDRYSLSLYS
 EGTPGFEQAYPDGPPEAAQAHGGDPRLGWYPPYANPPPEAYGPPRALEPPYL PVRSSDTPPPGGERNGAQ
 QGRLSVGSVYRPNQNGRGLPDLVPDPNYVQASTYVQRAHLYSLRCAAEKCLASTAYAPEATDYDVRVLL
 RFPQVRKNQGTADFLPNRPRHTWEHSHCHQHYHSMDEF SHYDLLDAATGKKVAEGHKASFLEDSTCDFG
 NLKRYACTSHTQGLSPGCYDTYNADIDCQWIDITDVQPGNYILKVHVNPKYIVLESDFTNVVRNIHYT
 GRYVSATNCKIVQS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_005576
ORF Size:	1722 bp
Buffer:	PBS with 0.001% Pluronic F6514
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_005576.2</u>
RefSeq Size:	2361 bp
RefSeq ORF:	1725 bp
Locus ID:	4016
UniProt ID:	<u>Q08397</u>
Cytogenetics:	15q24.1
MW:	63.17 kDa