

Product datasheet for **RC217575A1V**

Human LOXL3 (NM_032603) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LOXL3 (NM_032603) AAV Particle
Tag:	Myc-DDK
Symbol:	LOXL3
Synonyms:	LOXL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC217575 representing NM_032603
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGACCTGTCACTGTCTGGCAGTGGAGCCCCCTGGGGCTGCTGCTGTGCCTGCTGTGCAGTTCGTGCT
 TGGGGTCTCCGTCCCCTTCCACGGGCCCTGAGAAGAAGGCCGGGAGCCAGGGGCTTCGGTTCGGCTGGC
 TGGCTTCCCCAGGAAGCCCTACGAGGGCCGCGTGGAGATACAGCGAGCTGGTGAATGGGACCATCTGC
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 GGACCCACAGTGCCAAATATGGCCCTGGAACAGGCCGCATCTGGCTGGACAACTTGAGCTGCAGTGGGAC
 CGAGCAGAGTGTGACTGAATGTGCTCCCGGGGCTGGGGGAACAGTACTGTACGCACGATGAGGATGCT
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 CCCAACGGCAGCAAACTCCTTTGGTCTGCATGGGGTGGCGTGCCTGGGCACGGAGGCCACCTCTCCCT
 CTGTTCCCTGGAGTTCTATCGTGCCAATGACACCGCCAGGTGCCTGGGGGGGGCCCTGCAGTGGTGAGC
 TGTGTGCCAGGCCCTGTCTACGCGGCATCCAGTGGCCAGAAGAAGCAACAACAGTCAAGCCTCAGGGGG
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 GGGGGCCGACCAACATGAGGGGCGAGTCGAGGTGCAATAGGGGGACCTGGGCCCCCTTCGCTGGGGCC
 TCATCTGTGGGGATGACTGGGGGACCTGGAGGCCATGGTGGCCTGTAGGCAACTGGGTCTGGGTACGC
 CAACCACGGCCTGCAGGAGACCTGGTACTGGGACTCTGGGAATATAACAGAGGTGGTGTGAGTGGAGTG
 CGCTGCACAGGGACTGAGCTGTCCCTGGATCAGTGTGCCCATCATGGCACCACATCACCTGCAAGAGGA
 CAGGGACCCGCTTCACTGCTGGAGTCATCTGTTCTGAGACTGCATCAGATCTGTTGCTGCACTCAGCACT
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 TCCACAACCTGGGACGAGCTGACTTCAGGCCCAAGGCTGGGCGCCACTCCTGGGTGTGGCACGAGTGCCA
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 GAGGGCCACAAAGCTAGTTTCTGTCTCGAAGACACTGAGTGTCAAGGAGATGTCTCCAAGCGGTATGAGT
 GTGCCAACTTTGGAGAGCAAGGCATCACTGTGGGTGCTGGGATCTCTACCGCATGACATTGACTGTCA
 GTGGATTGACATCAGGATGTGAAGCCAGGAACTACATTCTCCAGGTTGTATCAACCCAACTTTGAA
 GTAGCAGAGAGTACTTTACCAACAATGCAATGAAATGTAAGTCAAAATATGATGGACATAGAATCTGGG
 TGCACAACCTGCCACATTGGTGATGCCTTCAGTGAAGAGGCCAACAGGAGGTTGAACGCTACCTGGCCA
 GACCAGCAACCAGATTATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC217575 representing NM_032603 Red=Cloning site Green=Tags(s) MRPVSVWQSPWGLLLCLLCSSCLGSPSPSTGPEKKAGSQGLRFRLAGFPRKPYEGRVEIQRAGEWGTIC DDDFTLQAAHILCRELGFTATGWTHSAKYGGTGRIWLDNLSCSGTEQSVTECASRGWNSDCTHDEDA GVICKDQRLPGFSDSNVIEVEHHLQVEEVRIIPAVGWGRRPLPVTEGLVEVRLPDGWSQVCDKGWSAHNS HVVCGMLGFPSEKRVNAAFYRLLAQRRQHSFGLHGVACVGTEAHLSLCSLEFYRANDTARCPGGGPAVVS CVPGPVYAASSGQKKQQSKPQGEARVRLKGGHPGEGRVEVLKASTWGTVCDRKWDLHAASVVCRELGF GSAREALSGARMGQGMGAHLSEVRCSGQELSLWKCPHKNITAEDCSHSQDAGVRCNLPTYGAETRIRLS GGRSQHEGRVEVQIGGPGPLRWGLICGDDWGTLEAMVACRQLGLGYANHGLQETWYWDNSGNITEVMSGV RCTGTSLDQCAHHGTHITCKRTGTRFTAGVICSETASDLLLHSAVLQETAYIEDRPLHMLYCAAEEENC LASSARSANWPYGHRRLLRFSSQIHNLRADFRPKAGRHSWWHECHGHYHSMIDFTHYDILTPNGTKVA EGHKASFCELTEDQEDVSKRYECANFGEQGITVGCWDLYRHDIDCQWIDITDVKPGNYILQVVINPNFE VAESDFTNNAMKCCKYDGHRIWVHNCHIGDAFSEEANRRFRERYPGQTSNQII TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_032603
ORF Size:	2259 bp
Buffer:	PBS with 0.001% Pluronic F7710
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:	NM_032603.2
RefSeq Size:	3121 bp
RefSeq ORF:	2262 bp
Locus ID:	84695
UniProt ID:	P58215
Cytogenetics:	2p13.1
MW:	80.3 kDa