

Product datasheet for **MR217475**

Lrrc9 (NM_001142728) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc9 (NM_001142728) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lrrc9
Synonyms:	4921529O18Rik; 4930432K16Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR217475 representing NM_001142728 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATTGAAAGTGAAAACCTAAATCGAGGTGAAATCATTAAAGAACTGTGTCTGTGCAATGGCTTAACTT
ATGAGATCGTTGGACAGGAAGGATCAGATACTTCAAACTGGAGATGTTTTCTCAGGGTATCCCCGAAT
AGTTGGATTATCATTGTTTCATAATTTATCAAGTCTTACAATTGTTGCTCAAGATATAAGGGAAATTTCA
GGTTGGAGACTTGCTTACAGCTTAAAGAACTTTGGATTGCTGAATGCTGCATAGAGAAAATTGAAGGCC
TTCAAGGATGTAGAAATTTGAAAAATTATATTTATATTACAATAAAATTTCCAAAATAGAAAATTTAGA
GAAGTTAATAAAATTGGAAGTTCTGTGGCTGAACCACAATATGATAAAAAATATTGAGGGCTTGACAGACT
TTGAAGAATCTAAAGACCTCAACCTTGACGAACTTAGTCAGCAGCATTGGTCGATGTCTTGATCCCCA
ATGAACAACTGGAAAACTAAACCTTTCTGGAATCAAATTACTTCTTCAAGGACCTTACTAATTGAC
CAAGCTCACTCGCTTAAAGGACTTGTGTCTGAACGACCTCAGTATAAGTCCAACCCCGTGTGTCAGCTG
TGTAATATTCCACCCACGTGCTCTACCACTTGCCGTCTCTCAACGACTCGACAGTGTGACGTATCAG
CAAAGCAAATCAAGGAGCTGGCGGATTCACAGCAATGAAAAAATAATGTATTATAACATGCGAATAAA
AACTGTTCAAGACATCTGAATGAAGAACTTGAAGAACTAAATGACAGAAAATGCAAGTTACAGAAGCTA
CCCGAAGAACGGATAAAATTTCAACTTTGCAAGAAACGTTAGAACGGGAAGTGGCTGAAGTCAAGA
TCTCTAGCAAAGGCGAGCGATACAACGCCGAGGCCGAGAAACCCCGAATAGTGAGGTTGTCACACA
GGAATCAGTTCTGCAGCAGAAGATACTGACCAAGCTGAGCGCTCTGGATGACAGATTACATTCTGGAAC
AAGAACTGCATGAGATTGAAGCGATTTATCGGACTGAAGTAAACAGAAGAAGAACTCACGGCTTAC
TGACCCCGTTTCTGCTAACTGAGCTGGAGACTGTGGGCAATATCCATTTTGAAGAAGGCACTCAGGCTGA
TGACTGGTTTAACTCTGCTGTGAATAATCCTGTCGCTTTCTGCACCTGGGACTTCAGAGCGTACGGC
ATCACGGGGTGAAGGTGAAGCGGGTCATTAAAGTCAACAACCGTATTCTGAGGCTGAAGTTTGAAGAGA
AATTCAAAAGTGTGATCTTGAAGACACACAAGATCCGATTACCGAAGATGCTGGAGTGCCTTTT
CTACGTCTTGATCCCGAAGTACTGTAAGAAGAAGCATCTGCTACAGATACTTGAAGGGGATTCAAA



[View online »](#)

GACAGCGACACAAGCAAGCCCTCTCTCAAAAAGGAAGCCGTCACCTCTGTGAACAGCCTCAGTATGTGTG
 AGTGTCCCGGATAGAGTTCCTCCAGCAGAAATACAAGGAGGAGAAGAAAGGCCCTCAGAGAGTGAAC
 CTACAGACATGGCACCATCCTCATTGCGAAGGTTTTCTTGGCCAGAGTATTCAGGCTCGTGACCAGGAG
 CCCATCAATAAAGCCAATATCCCATGGTTAACTCGGTGTTTGTCTCAGAGACATGTGCTAAGACAAA
 GAACTTGCGACTGTGGCTACCGGCAGTACAAATGGTTTGTCTCGACCATGACCTCGTTTTGCCAGAGTA
 CATCGTTGAATTTGAGTACACTACAGTGGTCAAAGTTCACCTTTATTTTCTACATCAAAACACGTTATT
 CTAGAGGAAGGCAAAAAGTATTCTGAAGGATTAGTATTCTCACAGGATTTGAAATTTGATGATGAAGTTC
 TGAAGATGGAACCCAGGATTAAGCCCCGCCAAAACCTATTAGTTTGGATTGAGAAGACTATAATTTCCCT
 TGCTAAGACTAATATTTACAGCCATATTGTGAATCTGAATCTACACGGGAATAGCTTGAGTAAACTGAGA
 GATCTTGCCAAGCTAACTGGGCTTCGGAAGCTGAACATTAGCTTCAATGAGTTTACTTGCTTAGATGATG
 TGTACCACTTGTAACACCTTGAGTATTTGGACGCCAGCCATAACCATGTGATAACCTAGAGGGATTGAG
 AGGCTGATGAACTGAAGCATTGGACTTGAGCTGGAACCAGCTGAAGAAGACTGGGGAAGAGATCAAT
 GTGCTGTGCAACACACCACAGCCTTCTACCCTTGACATTGACACAAACCCCTGGCAGAAGCCAGCCA
 CATTGAGGCTGAGTGTTATTGGCAGACTAAAGACTCTTACACACTTAGACGGCCTCGTCATTTCTGAAGA
 AGAAACCAGAGCAGCTCTGAAATTCATTAGTGGAACGAAGATTACTCAGCTAACTCTTACAGCATTCC
 AGTTCTAAAGAGGAAAGGCTCGGATGCTCAGTACATGGCCCTCTGCCAAAATCTGACCCAGATTTCCA
 AGCTGGGACCCCACTTTACCTGACCGGGAAGTGGTACTCAAAGATAACTGCCTTAAATTTAGATGGACA
 ACATCTCTTTGAAATCACAAATCTAGAAAAATTGGAGAATTTGAAATGGGCATCGTTGAGCAATAATAAC
 CTCTCCAAAATGGAAGGCCTTGAGTCTGTGTCAACCTGGAGGAGCTCACATTAGACGGCAACTGCATCT
 CAAAGATAGAAGGCATCACACAGGCTGACAAAGTTAAGCCGCCTCAGCATGAACAACAACCTTCTCACGGG
 CCTGGAGAAGCACAGTTTGATAACCTGCTTACCTTCACTCCCTCTCTCTGGAGAACAACAGGATCACA
 TCTCTGAGCGCGTTACAGAAGACCTTCACTCTGATCGAGTTGTACATAAGCAACAACCTACATAGCTGTGA
 ACCAGGAGATCTACAACCTAAAGGTTTTATGCAACTTGGTCATTCTAGACATGTATGGAACATTATTAT
 ATGGAACCAAGAAAACTACCGGTTCTTTGTAATATTTCACTTCCAGAAGTGAAGCCCTGGATGGAGTC
 TCAATTGAGACATCAGAGACAGAGACTGCAAAAGATTTGTTTGGTGGACGGCTTACCTCTGACATGATTG
 CCGAACGACAAGGACACTCAAACCTTATCCAAATGCAAGAGCTAAACTGGACTTCATCAGCCATCAGGAC
 CGTGGATCTGATTCTGTGACCACTTCAGGAATGTGAGCAACGTGAATCTCCAGAACAACAACCTCACC
 TCGTTCAGCGGCCTCATCTACCTGCCAACGTGAAGGTCTTATGCCTCACTACAATCACATTGAATCAA
 TTATGCCTAGACTAAAGCCTCAGACCCACTTAAGCAGCAGACAGCTGCTCTACCAGAAAGTGCCCTCAAG
 TGGCTACGGACAGCAAGGAACCTCAAACTAAATAGAGATTGAGTAGGCAGTGAGAACTTGCTCCAATA
 ATGCAAAAGTTTAGAGTTCTGCATTTGGGATACAATGGAATTTGTAACCTAGTCCAGCTACAACCTAACA
 GACTGAGAAACTTAAAGTTCTCTTTCTCCAGGGAAATGAGATCAGTCAGGTGGAAGGGCTGGACAACCT
 GATCGTCTCCAGGAGCTGGTCGTCGACCATAACCGCATCCGGGCCTTTAATGACACCGCGTTTTCCAAG
 CCAAGTTCCCTGCTGATGCTTCACTAGAGGAAAAACAGGCTGCGAGAAGTAAAGCAAACTGCAGTCTTTGG
 TCAAACTGGAGAACTCTTCTAGGATATAACAAAATCCAGGATATCACAGAAGTGGAAAACTTGATGT
 TATTCCTTCTCTCAGAGAGCTTACTGTCTATGGCAATCCAATTTGTAGGAAAATGGTTTATCAGCATGTG
 CTCATATTCGGCTGCCTAATTTACAGATGTTGGATGGAATTCCTATAAATCTGATGATAGGGCAAAAG
 CTGAGTTTCATTTCTGAACTACAAGCAAAAAAAGTTGATAATCCAGAATAATCTCCCTACTTCCAA
 GTCCTCACTTCCATCACACCTGCAAACTCCTTTGCCATGTAAGTTCGTTTCTGTTACCAACTCTACGGAT
 GGTGGGTCAATCTGCCAGTTAAAGCCTCTCCATTAAAATAACAAATGTTCTTCTGCCTGCTGGATTTA
 GCCGTTTCTTGGGACCTGACTTCACCTTAACTCCTGAAGTTGAAGGTATTTTACAAGAGTTTCAGAGA
 GAATGAAAAACGAACAAGCAGCAGCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR217475 representing NM_001142728
 Red=Cloning site Green=Tags(s)

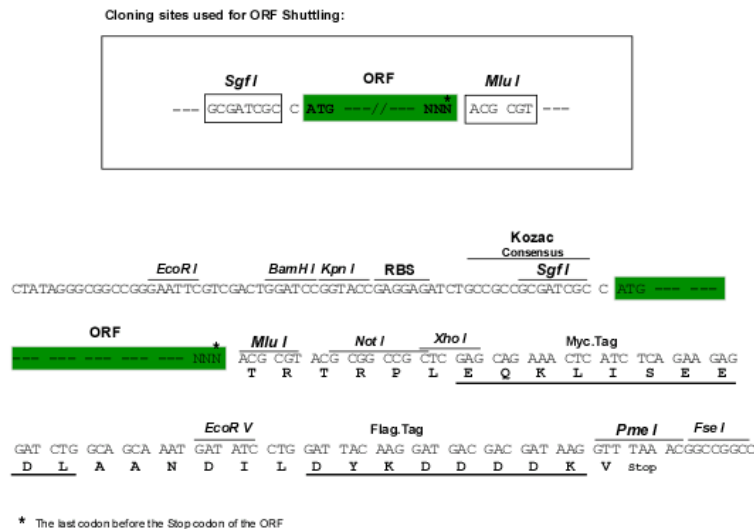
MIESENLRGEI IKELCLCNGLTYEIVGQEGSDTSKLEMFSSGYPRIVGLSLFHNLSSTIVAQDIREIS
 GLETCLQLKELWIAECCIEKIEGLQGCNLEKLYLYNKISKIENLEKIKLEVLWLNHNMIKNIQLT
 LKNLKDNLNAGNLVSSIGRCLDPNEQLEKLNLSGNQITSFKDLTNLTKLTRLKDLCLNDPQYKSNPVCQL
 CNYSTHVLVYHPSLQRLDTDFVSAKQIKELADSTAMKKIMYYNMRIKTVQRHLNEELEKLNDRKCKLQKL
 PEERIKLFNFAKKTLERELAELKISSKGQSDTTPEAEKPRNSEVVTQESVLQQKILTKLSALDDRVTFWN
 KKLHEIEAIYRTEVKQKKKTHGLLTPFLLTELETVGNIHFEEGTQADDWFNSCCELILSRFCTWDFRAYG
 ITGVKVKRVIKVNNRILRLKFEKFQKCLDLEDTPDYRKMLECLFYVFDPEVTVKKHLLQILERGFK
 DSDTSKPSLKKEAVTLVNSLMCECPRIEFLQQKYKEKKGPSESEL YRHGTILIAKVFLGQSIQARDQE
 PINKANYPMVNSVFPQRHVLQRQTCDCGYRQYKWFVFDHDLVPEYIVEFEYTTVVKVHSLFSTSNVI
 LEEGKKYSEGLVFSQDLKFDDEVLMKEPRIKPRPKLISLDEKTIISLAKTNIYSHIVNLNLHGNSLSKLR
 DLAKLTGLRKLNISFNEFTCLDDVYHLYNLEYLDASHNHVITLEGFRGLMKLKHLDLSWNQLKKTGEEIN
 VLCKHTTSLTLTDIQHNPWQKPATRLSVIGRLKTLTHLDGLVISEEETRAALKFISGKITQLTLLQHS
 SSKEERPRMLSTWPSAKILTQISKLGPHFHLTGNWYSKITALNLDGQHLFEITNLEKLENLKWASFNNN
 LSKMEGLESCVNLEELTDGNCISKIEGITRLTKLSRLSMNNLLTGLEKHTFDNLLHLHLSLENNRIT
 SLSALQKTFTLIELYISNNYIAVNQEIYNLKGCLNLVILDMYGNIIWNQENYRFFVIFHLPKALDGV
 SIETSETETAKDLFGGRLTSDMIAERQGHSNFIQMQLNWTSSAIRTVDLIPVDHFRNVSNNLQNNLT
 SFGSLIYLPNVKVLCLNYNHIESIMPRLPQTHLSSRQLLYQKVPSSGGYQQGTSKLNDRDSVGSNLPI
 MQSLEVLHLGYNGICNLVQLQLNRLNRLKFLFLQGNEISQVEGLDNLIVLQELVVDHNRIRAFNDTAFSK
 PSSLLMLHLEENRLREL SKLQSLVKLEKFLGYNKIQDITELEKLDVIPSLRELTVYGNPICRKMVHRHV
 LIFRLPNLQMLDGIPINSDDRAKAEHFHSELQAKKSSIIQNNLPTSKSSLP SHLQTPLPCKFVPVTNSTD
 GGSFCHVKASPIKITNVLLPAGFSRFLGPDFTLTPEVEGIFTKSFRENEKTNKQQQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9109_a09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

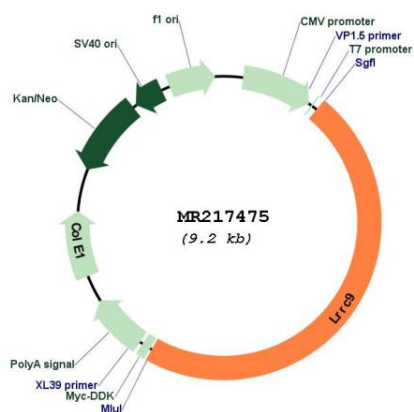


ACCN: NM_001142728

ORF Size: 4368 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001142728.1 , NP_001136200.1
RefSeq Size:	4739 bp
RefSeq ORF:	4371 bp
Locus ID:	78257
UniProt ID:	Q8CDN9
Cytogenetics:	12 C3
MW:	167.3 kDa

Product images:



Circular map for MR217475