

Product datasheet for **RR216890**

Lrit2 (NM_001191938) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrit2 (NM_001191938) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lrit2
Synonyms:	RGD1564668
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR216890 representing NM_001191938
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTTTGTCTTTTACTGTTTCTTGAAGTTCTGGTCTCTGGGTTACACATGCAGCGGACCATTGT
 GTCTGTACAGAGTGTACCTGTTTCCAGAGGAGACTTTGGCAGGAGCCTTCAGTGCATGTCTATGTCTTTGGG
 AAAGATCCAGACAACCTTTCCCGAAGGACTCAAGCAAGTGAGAATCGAAAAGTACCCTTATTTGAACTT
 CCCCAGGGGGTTTTACCAACTTGAACACTTTGGAATACCTTTGGCTCAACTTCAACAACGTCACGTGTA
 TCCACCTAGGTGCCCTAGAGGACCTGCCACAGCTGAGAGAGCTGAGACTAGAGGGGAACAGACTCCGTTT
 AGTACCGTGGACAGCGTCCGCGCCACCCTTTCTGAGGGTTTTGGATCTCAAACACAACAGGATTGAT
 GCGCTCCCTGAAGTGGCTCTTCAAGTTCAGTCCAGCAACCTGACATACCTTGACATATCTCCAATAGGCTGA
 CAGTTGTATCCAAGGGTGTCTTCTGAACTGGCCAGCCTATCAGAAACGGCAGCAGCTTGGTTGCGGAGC
 TGAGATTCTCCACATGGTATTGTCGCTGCACAATAATCCCTGGCTATGTGACTGCCGTTTAAACGGGG
 CTTGCTCAGTTTGTCAAGTCCGTTGGTCCCCTTTTCATCTGGTGAATCTTACCTGATATGCCAGGGTC
 CTGTCTCGAAGGCAGGGCAGCTTTACACGAGACTGAGCTCGGAGATTGTATGAAACCAATTATCTCAAC
 TCCTAGTGCCAATGTCAATCCAGGTAGGAAAGAACGTGACCCTGCAATGTTTGGCACAAGCCAGTCCC
 TCACCAACTATTGAGTGGAAAGTATCCCCTGAGTACGTGGAGAAAATTTGATGTGTGGCCTTGCCAGTTG
 CAGAAGGTTTTATCCTGTCCCAGCTGGTCCATCCAGCAGCTCAACTGGTAGACGGCCTAATTATACTTG
 CATGGCCTCCAACCTCCATCGGACGAAGCTCTTGTGATCACACTCTATGTCCAGCCTGCACAGGCCAGC
 CCTGGATTGCATTCCCTCTCCACCTCTTCCAGAGGGCAGTTCCTATGTTGACCTACGGGTGGTCAAGCAGA
 CGGTGCATGGTATTTTGTGGAGTGGCTCACAGTGAACCACTTGTGGAGAACAATGGTTACCCTCTA
 CATTGCATCTGATGAAGCTCTGGAGAAGAAGTGGTCCACATAGGCCCTGGAATCAACACCTATGCTGTG
 GATGACCTCCTCCTGCTACAAAGTATAAAGCATGCCTCGGCCTAAGGAATCAGCCTCCAGGCCAGGGCC
 AGTGTGTGGTCTTTGTGACAGGCAAAGGCAGTGGTGGAGCTGGAGGGCCGCGAGCACCTCTTGCATGTAC
 TGTGGTCTTGTGCGCTGTGCTCTGGCACTGCCTGTGGTGTATGTCTGGCAACCCAGGGTCCGTGC
 AATTGCAGTGAAGTGGTGTTCGCTGTTTTCTCTTCCAGGAAAACCTAAGATGCCACAAGCAGTGC
 CACAGTGAAGGATAACTCTTCCAGATCCTTCCAGTGTCTGTGAGGATTGTGAGAGTCACAGAGTTGT
 GGAGGAGGATGAGGAGAGAGAAAAGGAGGGCACCAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR216890 representing NM_001191938
 Red=Cloning site Green=Tags(s)

MAFVFYCFLLQVLVSWVTHAARPLCLSECTCSEESFGRSLQCMSMSLGKIPDNFPEGLKQVRIEKSPFLFEL
 PQGVFTNLNTLEYLWLNFNNTVVIHLGALEDLPQLRELRLRLEGNRLRSPVWTAFRATPFLRVLDLKHNRID
 ALPELALQFLANLTYLDISSNRLTVVSKGVFLNWPAYQKRQQLGCGAEILSHMVLSLHNNPWLCDCRLTG
 LAQFVKSVPFPPILVNSYLICQGPVSKAGQLLHETELGDCMKPIISTPSANVSIQVGNVTLQCLAQASP
 SPTIEWKYPLSTWRKFDVLALPVAEGFILSQLVIPAAQLVDGTNYTCMASNSIGRSSLVITLYVQPAQAT
 PGLHSLSTSSEGSYVDLRVVKQTVHGIILEWLTVTNLAGEQWFTLYIASDEALEKVVHIGPGINTYAV
 DDLLPATKYKACLGLRNQPPGQVCVFTGKGSGELEGREHLLHVTVVLCVLLALPVGAYVWATQGPC
 NCSEWCFRCFPLHRKTLRCPQAVPQCKDNSFTDPSAVCEDCESHRVVEEDEEREKEGTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001191938

ORF Size: 1647 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.

RefSeq: [NM_001191938.1](#), [NP_001178867.1](#)

RefSeq Size: 1650 bp

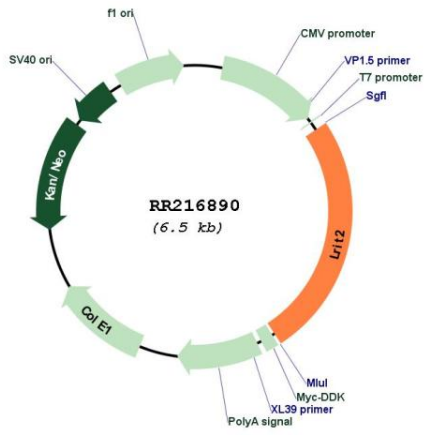
RefSeq ORF: 1650 bp

Locus ID: 498594

Cytogenetics: 16p14

MW: 60.8 kDa

Product images:



Circular map for RR216890