

Product datasheet for **RN216890**

Lrit2 (NM_001191938) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN216890 representing NM_001191938
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTTTGTTTTTACTGTTTCTTGCAGATTCTGGTCTTTGGTTACACATGCAGCGGACCATTGT
 GTCTGTACAGAGTGACCTGTTTCCAGAGGAGACTTTGGCAGGAGCCTTCAGTGCATGTCTATGTCTTTGGG
 AAAGATCCAGACAACCTTTCCCGAAGGACTCAAGCAAGTGAGAATCGAAAAGTCACCCCTATTTGAACTT
 CCCCAGGGGGTTTTACCAACTTGAACACTTTGGAATACCTTTGGCTCAACTTCAACAACGTCACCTGTGA
 TCCACCTAGGTGCCCTAGAGGACCTGCCACAGCTGAGAGAGCTGAGACTAGAGGGGAACAGACTCCGTTT
 AGTACCGTGGACAGCGTCCGCGCCACCCTTTCTGAGGGTTTTGGATCTCAAACACAACAGGATTGAT
 GCGCTCCCTGAAGTGGCTCTTCAAGTTCAGTCCAGCAACCTGACATACCTTGACATATCTCCAATAGGCTGA
 CAGTTGTATCCAAGGGTGTCTTCTTGAAGTGGCCAGCCTATCAGAAACGGCAGCAGCTTGGTTGCGGAGC
 TGAGATTCTCTCCACATGGTATTGTGCTGCACAATAATCCCTGGCTATGTGACTGCCGTTTAAACGGGG
 CTTGCTCAGTTTGTCAAGTCCGTTGGTCCCCCTTTCATCTGGTGAATCTTACCTGATATGCCAGGGTC
 CTGTCTCGAAGGCAGGGCAGCTTTTACACGAGACTGAGCTCGGAGATTGTATGAAACCAATTATCTCAAC
 TCCTAGTGCCAATGTGAGTATCCAGGTAGGAAAGAACGTGACCCTGCAATGTTTGGCACAAGCCAGTCCC
 TCACCAACTATTGAGTGGAAAGTATCCCCTGAGTACGTGGAGAAAAATTTGATGTGTTGGCCTTGCCAGTTG
 CAGAAGGTTTTATCCTGTCCCAGCTGGTCCATCCCAGCAGCTCAACTGGTAGACGGCCTAATTATACTTG
 CATGGCCTCCAACCTCCATCGGACGAAGCTCTTGTGATCACACTCTATGTCCAGCCTGCACAGGCCACG
 CCTGGATTGCATCCCTCTCCACCTCTTCCAGAGGGCAGTTCCTATGTTGACCTACGGGTGGTCAAGCAGA
 CGGTGCATGGTATTTTGGCTGGAGTGGCTCACAGTGACCAACCTTGGTGGAGAACAATGGTTCACCCCTCA
 CATTGCATCTGATGAAGCTCTGGAGAAGAAGGTGGTCCACATAGGCCCTGGAATCAACACCTATGCTGTG
 GATGACCTCCTCCTGCTACAAAGTATAAAGCATGCCTCGGCCTAAGGAATCAGCCTCCAGGCCAGGGCC
 AGTGTGTGGTCTTTGTGACAGGCAAAGGCAGTGGTGGAGCTGGAGGGCCGCGAGCACCTCTTGCATGTGAC
 TGTGGTCTTGTGCGCTGTGCTCCTGGCACTGCCTGTGGGTGCTTATGTCTGGCAACCCAGGGTCCGTCG
 AATTGCAGTGAGTGGTGTTCGCTGTTTTCTCTTCCAGGAAAACCTAAGATGCCCAACAGCAGTGC
 CACAGTGAAGGATAACTCTTCCAGATCCTTCCAGCTGTCTGTGAGGATTGTGAGAGTCACAGAGTTGT
 GGAGGAGGATGAGGAGAGAGAAAAGGAGGGCACCAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001191938
- Insert Size:** 1650 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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