

Product datasheet for **RN201587**

Lrrc74a (NM_001037783) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc74a (NM_001037783) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lrrc74a
Synonyms:	Lrrc74
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201587 representing NM_001037783
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGACGACGACGATATTGAGCCTCTTGAGTACGAGACCAAGATGAACTGAAGCTGCCTTGGCACCTC
 AGAGCAGCGAAGACACCTCTACTGTGAGGCTGAAGCCGCTCCAAGTGTTGAGAAAGAGAAACCTACCAG
 GGAGGATTCGGAGACAGACCTGGAATTAAGACACAGAGAAATCTTCAGCATCGGACAGAAGGAGCTG
 TACTTGGAGGCCTGCAAACTGGTGGGTGTGGTCCCTGTCTCTACTTCATCCGGAACATGGAGGAGTCTT
 GCATGAACCTCAACCACCATGGTCTGGGCCCCATGGGTATCAAAGCCATTGCTATAACTCTGGTGTCCAA
 CACCACGGTCTCAAACCTGGAGCTGGAAGACAACCTCCATCCAGGAGGAGGGCATCCTGAGTCTGATGGAG
 ATGCTGCATGAGAACTACTACACAGGAGCTAAATGTGTCTGACAATAACCTTGGTTTGAAGGAGCCA
 GGATCATCTCGGACTTCTCCAGGAGAATAACTCATCGCTCTGGAACTGAACTCTCAGGAAACAAATT
 CAAGGAAGAATGTGCCTTACTTTTATGCCAAGCCTTGTCTGCAATTACCGAATCAGGTCATGAATCTC
 AGCCACAACGAGTTCTCTGACACTGCAGGGGAGTACCTGGGACAGATGCTGGCCCTCAACGTAGGGCTCC
 AGTCACTGAACCTGAGCTGGAATCATTTCAATGTTCTGAGGAGCTGTGGCCCTGTGAATGGTCTCCGGAC
 TAATGTGACCCTGAAGAACTGGACGTATCCATGAATGGCTTTGGGAATGATGGTGCCTTGGCCCTGGGA
 GATACCCTCAAGCTCAACAGCTGTCTGGTCTACGTGGATGTCAAGTAAATGGCATCACCAATGAGGGGG
 CCTCCAGGATCAGCAAGGGCCTAGAAAAAATGAGTGTCTCAAGTGTGAAGCTTTCTGAACCTGT
 GAGCTTGGAGGGGCATATTCCTTATCTTGGCGATCAAGAGGAACCCCAATCCAGGATGGAAGACCTT
 GACATTTCTAACGTACTGGTTTCAGAGCAGTTCGTCAAAGTCTTGGATGGAGTCTGTGCCATTACCCCTC
 AGTTAGATGTGGTATACAAGGGATTGCAGGGTCTCTCCACCAAGAAAACCGTCTCCCTGGAGACCAACCC
 CATAAAGCTGATCCAGAACTATACAGACCAAAACAAGATCTCAGTAGTGGAGTTCTTCAAGAGCTTGAAT
 CCTTCTGGATTAATGACCATGCCTGTGGGAGACTTCCGGAAGCCATAATCCAGCAAAACCAATATCCCA
 TCAACCGGTACCAGGCGAGGGAGCTGATAAAGAAGCTGGAAGAGAAGAATGGTATGGTTAACTTCAGTGG
 TTTTAAAGCCTGAAAGTCACAGCAGCTGGTCAGCTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001037783

Insert Size: 1440 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).

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_001037783.2, NP_001032872.2
RefSeq Size: 1808 bp
RefSeq ORF: 1440 bp
Locus ID: 314328
UniProt ID: A0JPI9
Cytogenetics: 6q31