

Product datasheet for **MC200102**

Lrfr1 (NM_030562) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrfr1 (NM_030562) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrfr1
Synonyms:	BC004018; SALM2; Semo1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC004018 sequence for NM_030562

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GGGCTGGGTACCGGCCAGGCCCTGACTCCTTGAAGAGAGATGAAGAAACCGAGATTCACAGAGGTTTCAG
ACACTTGCCCCAGGTACACAGCTAGTCTCTCCATTCTGCCTCCCCCTGCACCATGGCTCCAGGCC
CTTCTCCTCCAGGCTCTTCTCGCCACCACCTGCTGCTCTTCCCTTCTGCTGTTGCTCTGGGCAGGAGCA
TCTCGCAGCCAGCCCTGCCCCGGTCTGTCATCTGTGAGAACGTGGCACCTACGCTGACCATGCTGTGTG
CGAAGACGGGCTGCTCTTTGTGCCACCCGCCATCGACAGGCGTGTGGTAGAGCTGCGGCTCACTGACAA
CTTCATTGCGGCTGTGCGTCTGAGACTTCGCCAATATGACCAGCCTGGTCCACCTCACCTGTCTCGA
AACACCATTTGGCAGGTAGCAGCCGGCGCTTTGCTGACCTCCGGGCTCTCCGGGCCCTGCACCTTGACA
GCAACCGCTGGCAGAGGTGAGAGGGGATCAGCTCCGAGGCTTGGTAACCTCCGCCACTTGATCTCGG
CAACAATCAGATCCGTAAGGTGGAGTCGGCAGCCTTTGACGCCTTCCTGTCCACCGTGGAGGACCTGGAT
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CGCTGGACCACAACCTCATTGATCACATTGCGGAGGGCACCTTCGTGCAGCTGCACAACTCGTGCCTT
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CCCAAGCCACCCACCCATTGACGGTCACTTCGGTGGCAACCCGCTGCACTGCAACTGTGAACCTGCTCT
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TTTCTGGTCCATCCCGGAGGAGGAATTTCTATGTGAGCCCCGCTCATCACAGGCAAGCAGGGGCGCG
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GGATGTGACTATCACACCTGAGGGACAGCGGTACCTTCACTTGATAGCCTCCAATGCTGCGGGGGAA
GCCACGGCACCTGTGGAGTATGTGTGTACCTTGCCACTGATGGCGCCCCACCCGCTGCCCGCCGC
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GCGCAGGCTTGTGGCTGTGAACCTCACGTCTAGCTCTGTGCTCATCCGCTGGCGGCCAGAGGCCAGTG
CCTGGCATCCGTATGTACCAAGTGCAATACAACAGCTCTGCAGATGACTCCCTAGTCTACAGTTCTAGCT
GTCCTGGAACCTCACTATGTAGACCAGGATGGCCTTGAAATCAGAGTGCCGCTTGTCTGCCTGAGCGCT
GGGAAAAATGACCTGTGCCATCACCGCCTGGCCCTGAAATAAAAGTTTATAAAGAAATAAAAAAAAAAAA AAA
  
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Restriction Sites: RsrII-NotI


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ACCN:	NM_030562
Insert Size:	1479 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC004018</u> , <u>AAH04018</u>
RefSeq Size:	1683 bp
RefSeq ORF:	1479 bp
Locus ID:	80749
UniProt ID:	<u>Q2WF71</u>
Cytogenetics:	7 A3
Gene Summary:	Promotes neurite outgrowth in hippocampal neurons. Involved in the regulation and maintenance of excitatory synapses. Induces the clustering of excitatory postsynaptic proteins, including DLG4, DLGAP1, GRIA1 and GRIN1.[UniProtKB/Swiss-Prot Function]