

Product datasheet for **SC111418**

LRFN3 (NM_024509) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRFN3 (NM_024509) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRFN3
Synonyms:	FIGLER1; SALM4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_024509, the custom clone sequence may differ by one or more nucleotides

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ATGGCCATCTCCCGTTGCTCCTGTGCCTGCTGCCCTGGCCCCTGCCTCATCCCCACCCAGTCAGCCA
CACCCAGCCCATGTCCCCGCGCTGCCGCTGCCAGACACAGTCGCTGCCCTAAGCGTGCTGTGCCAGG
GGCAGGCTCCTGTTTCGTGCCACCTCGCTGGACCGCGGGCAGCCGAGCTGCGGCTGGCAGACAACTTC
ATCGCCTCCGTGCGCCGCGGACCTGGCCAACATGACAGGCCTGCTGCATCTGAGCCTGTGCGGAACA
CCATCCGCCACGTGGCTGCCGGCGCTTCGCCGACCTGCCGGCCCTGCGTGCCCTGCACCTGGATGGCAA
CCGGCTGACCTACTGGGCGAGGGCCAGCTGCCGGCCTGGTCAACTTGCGCCACCTCATCTCAGCAAC
AACCAGCTGGCAGCGCTGGCGCCGGCGCCCTGGATGATTGTGCCGAGACTGGAGGACCTCGACCTCT
CCTACAACAACCTCGAGCAGCTGCCCTGGGAGGCCCTGGGCCCTGGGCAACGTCAACACGTTGGGCT
CGACCACAACCTGCTGGTTCTGTGCCCGCGGCTTTTTCCCGCTGCACAAGCTGGCCCGGCTGGAC
ATGACCTCAACCGCCTGACCACAATCCCACCCGACCCACTTCTCCCGCTGCCCTGCTGCCAGGC
CCCGGGCTCGCCCGCTGCTGCCCTGGTGTGGCCTTTGGCGGAACCCCTGCACTGCAACTGCGAGCT
GGTGTGGCTGCGTCCCTGGCGCGGAGGACGACCTCGAGGCCTGCGCGTCCCACCTGCTGCGCGGC
CGCTACTTCTGGGCGGTGGGCGAGGAGGAGTTGTCTGCGAGCCGCCCTGGTGACTCACCGCTCACCA
CTCTGGCTGTGCCCGAGGTGCGCCGGCTGCCCTGCGCTGCCGGGAGTGGGGACCCAGAGCCCGTGT
GCGTTGGGTGTCACCCAGGGCCGGTGTAGGCAACTCAAGCGTGCCCGCCCTCCCAATGGGACG
CTGGAGCTGTGGTACCCGAGCCGGGTGATGGTGGCATCTTACCTGCATTGCGGCAATGCAGCTGGCG
AGGCCACAGCTGCTGTGGAGTACTGTGGTCCCCACCACCTCCTCAGTAGCCAACAGCACCAGCTG
TGACCCCGCGGGACGGGATCCTGATGCTCTACCCACCCCTCCGCTGCCTTGCTTCTGCCAAGGTG
GCCGACTGGGCCCTACCGACCGTGGCGTCCAGGTACTGAGCAGGGGCCACAGCTGCTCTGTTC
AGTGGCCGATCAGCGGCTATCCCGGGATCCGCATGTACCAGATCCAGTACAACAGCTCGGCTGATGA
CATCTCGTCTACAGGATGATCCCGCGGAGAGCCGCTGTTCTGCTGACGGACCTGGCGTCAAGCCGG
ACCTACGATCTGTGCGTCTCGCCGTGATGAGGACAGCGCCACGGGGCTCACGGCCACGCGCCTGTGG
GCTGCGCCCGTCTCCACCGAACCCTGCGCTGCGGCCATGCGGGGCGCCGACGCTCCCTTCTGGGCGG
CACGATGATCATCGCTGGGCGGCTCATCGTAGCCTCGGTACTGGTCTTATCTTCTGCTGCTAATG
CGCTACAAGGTGCACGGCGGCCAGCCCCCGGAAGGCAAGATTCCCGCCTGTTAGCAGCGTTTGT
CCCAGACCAACGGCGCCCTGGGCCACGCCACGCCCGCCCGCCCGCCCGGAGCCCGCGGCTCAG
GGCCACACCGTGTCCAGCTGGACTGCGAGCCCTGGGGCCCGCCACGAACCTGTGGACCCTAG
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024509 unedited

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TCCCGCCCGTTGCCGCAAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAGAG
CTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTTGCAGCGGCCGGAATT
CGGCACGAGGGCGCCCGCCTGCGCTGCGGTGCCCCCATCCCGGTGTCAGTCTGTC
TGACCGTCCCTCCGCTCCAGGCCCTGCCCCACCCGGCCCTGGGCTGCCCGTCCCGCC
CCTCCCCACCGCAGCCGGTCCCCTCCCAGTCCGCGCAGCCAGGAAAGCC
AGCCGGGACGCCCGCCCGGACCCCGCCTAACCTCCACCTCGGGGGCTGCACCC
CCAGATTGAATCGGGAATTCGGAAACCCGAGCCTGGAACCTGATCTGGGACCAGCACC
CCGAGATCCGGCCGTGGAACCCCAAGATCTGGAGCCTGAACCCAGTATATGGGGCTGGA
ATCTCAACATCGGTCACTGGGACCTCAATATTTGGAGCCGGAACCCACAATTTGGAACA
CAGACCCCAATATTTGGAGCAGAACCCCAAGATTTGACATCTAAACCTCAAGCCTGGAG
CTGAACCTGAATTCTGGGCTGGGACCTTGAATCTGGGACTGGATTTCCAGTACTGTA
CCCTGNAACCCACTCTTGGGACCTGAACCCGAGTTTGGCCTGAAGTCTTGTGAGCA
CCTGAGTGCTTAAATCTGNGCTTGAGACCTNCCAATCTTGACTCAGACCCCAATATCT
GAATGCAGAACCCCGGGATCGGATCTCAGACTCTTAACCCACCGTTNGGCTGCTTAGCA
TCCCAGACTGGACCTGNGAGACCCTGACCCCTGACACCCAACTGGACCCGTAACCTGGA
CCCTAAGGCCATANTTAGGGTCTGGACCCGATTAAGTCTGGAGACTNCGTGCCAG
ATTGAGCCGATCAGAC
    
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Restriction Sites:	NotI-NotI
ACCN:	NM_024509
Insert Size:	3350 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:	<ol style="list-style-type: none">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_024509.1 , NP_078785.1
RefSeq Size:	2549 bp
RefSeq ORF:	1887 bp
Locus ID:	79414
UniProt ID:	Q9BTN0
Cytogenetics:	19q13.12
Domains:	LRRCT, LRR, ig, FN3
Protein Families:	Transmembrane
Gene Summary:	Cell adhesion molecule that mediates homophilic cell-cell adhesion in a Ca(2+)-independent manner. Promotes neurite outgrowth in hippocampal neurons (By similarity). [UniProtKB/Swiss-Prot Function]