

Product datasheet for **SC320458**

LRFN4 (NM_024036) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRFN4 (NM_024036) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRFN4
Synonyms:	FIGLER6; SALM3; SALM3.
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_024036.3
 CTTGTCCCCAGCGCTGGACTCCCCCTAACTGCTTGGGAAATGTGACCTTTGCTCTGGG
 GGGCCTGGCCCTGCAGGCCCAACCTTCCCTCATCTCTGGCGCCCTCTTGGCCCTGA
 CCCAGCCCTCCCGGGCCAGGCTCACAGAAGCTGGCTTCTGGGACTGTCTGGGCCAA
 GTGGGCACCTGCGCCAGCCACCTGTGCCTGGCTGTGGCCCTTCTACAGGGCGCTC
 ACCATGGCCCCGCGCTCCTGTGTGTGTGTGTCAGCCAGTGGAGCGGCCCTGCCGCTG
 CCCTGTGCTGCCAGAACCTGTCCGAGTGTCTCAGCACCTCTGTGCCACCGAGGCTC
 CTGTTTGTGCCGCCAACGTGGACCGGCCACAGTGGAGCTGCGGCTGGCTGACAACCTC
 ATCCAGGCCCTGGGGCCCCCTGACTTCCGCAACATGACGGGACTGGTGGACCTGACACTG
 TCTCGAATGCCATACCCGCATTGGGGCCCGCCCTTTGGGACCTCGAGAGCTGCGT
 TCCCTCCACCTTGACGGCAACAGGCTGGTGGAGCTGGGCACCGGGAGCCTCCGGGCCCC
 GTCAATCTGCAGCACCTCATCTCAGCGGCAACCAGCTGGGCCGATCGCGCCGGGAGCC
 TTCGACGACTTCTAGAGAGCTGGAGGACCTGGACCTGTCTACAACAACCTCCGGCAG
 GTGCCCTGGGCCGATCGCGCCATGCCTGCCCTGCACACCCTCAACCTGGACCATAAC
 CTTATTGACGCACTGCCCCAGGCGCTTCGCCAGCTCGGTGAGCTCTCCGCTGGAC
 CTACCTCCAACCGCTGGCCACGCTGGCTCCGACCCGCTTTTCTCTGTGGCGTGAT
 GCAGAGGCTCTCCCGCCCCCTGGTGTGAGCTTTCAGCGGAACCCCTGCACTGCAAC
 TGTGAGCTGTGTGGTGCAGCGGCTGGCGCGCCGACGACCTGGAAACGTGCGCCTCC
 CCGCCCGCTGGCCGGCCGCTACTTCTGGGAGTGCAGGAGGCGAGTTCTCTGTGAG
 CCGCCCCATTGCCCGCACACGACGCGCTCTGGGTGTGAAAGGCCAGCGGGCCACG
 CTGCGGTGCCGGCCCTGGGTGACCCCGCGCTACCATGCACTGGGTGCTCTGACGAC
 CGTTGGTTGGCAACTCTCCGAGCCCGGCTTCCCAACGGGACCTTAGAGATTGGG
 GTGACCGCGCTGGGACGCTGGGGCTACACCTGCATCGCCACCAACCCTGTGGTGAG
 GCCACAGCCGAGTAGAACTGCGGGTGTGGCTTGCCTTGGTGGGAACAGCAGTGC
 GAGGGGGCCCGCCCGGCCCTCGGACATCGCCGCTCCGCTCGCACTGTGCCGAGGT
 GAGGGGACGCTGGAGTCTGAGCCAGCCGTGACAGGTGACGGAGGTGACCGCACCTCAGGG
 CTGGTGTGAGTGGGTCGGGGCCAGCCGACCCAGTGTGGATGTTCCAAATCCAGTAC
 AACAGCAGCGAAGATGAGACCCTCATCTACCGATTGTCCAGCCTCCAGCCACCACTC
 CTGCTGAAGCACCTGTCCCGGCGTACTATGACCTCTGCCTGCTGGCCTTGTACCG
 GCCGCTGGGCCCTGACCTCACGGCCACCAGGCTGTGGGCTGTGCCATTTCTCCACG
 CTGCCGCTCGCCCTGTGCCACGCCCTGCAGGCCACGTGCTGGGCGGACCTGACC
 GTGGCCGTGGGGGTGTGCTGGTGGCTGCCTTACTGGTCTTCACTGTGGCCTTGTGTT
 CGGGGCCGGGGCCGGAATGGCCGCTCCCCCTCAAGCTCAGCCACGTCCAGTCCAG
 ACCAATGGAGGCCCCAGCCACACCCAAGGCCACCCGCGCGGAGCCCCCGCCCCGG
 CCGCAGCGCAGCTGTCTCTGGACCTGGGAGATGCCGGGTGTACGGTTATGCCAGGCGC
 CTGGGAGGAGCTTGGGCCGACGGAGCCACTCTGTGCATGGGGGGCTGCTCGGGGAGGG
 TGCCGGGGGTAGGAGGCAGCCGAGCGGCTGGAAGAGAGTGTGGTGTGATGGACGGG
 AGCTTCTGTGTGCTCCAAGGATGAGCCTCGTGGGCAGAGGGCCCGGGCCCGCCCT
 GGCTGGGAGTCCCTCCCTGGTTTTTATTCTCAGTACCTCAGGCTCCCTGTGTAATTGG
 AGGGCAGGGAGCCCTTCTCGTTCTGGCCTCCAGACCAGGTAAGGGCAGGCCCTC
 CAACAGGTGCTCACAGCCACCGAGGCGGGCTGCAGCCACCACTGGGAGTCTGTTTT
 TATTTATAATAAAATTGTTGGGGACACCTCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_024036

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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_024036.3 , NP_076941.2
RefSeq Size:	2449 bp
RefSeq ORF:	1908 bp
Locus ID:	78999
UniProt ID:	Q6PIG9
Cytogenetics:	11q13.2
Domains:	LRRCT, LRR, ig, LRR_TYP, IGc2, IG, FN3
Protein Families:	Transmembrane
Gene Summary:	Promotes neurite outgrowth in hippocampal neurons. May play a role in redistributing DLG4 to the cell periphery (By similarity).[UniProtKB/Swiss-Prot Function]