

Product datasheet for **SC101328**

LRFN5 (NM_152447) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRFN5 (NM_152447) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRFN5
Synonyms:	C14orf146; FIGLER8; SALM5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_152447, the custom clone sequence may differ by one or more nucleotides

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ATGGAAAAATCTTTTTATCTGTTTCTATTGGCATAGCAGTGAAAGCTCAGATCTGTCCAAAGCGTT
GTGTCTGTCAGATTTTGTCTCCTAATCTTGCAACCCCTTTGTGCCAAGAAAGGGCTTTTATTTGTTCCACC
AAACATTGACAGAAGAACTGTGGAACGCGGTTGGCAGACAATTTGTTACAAATATTTAAAGGAAAGAT
TTTGCCAATATGACCAGCTTGGTGGACCTGACTCTATCCAGGAATACAATAAGTTTTATTACACCTCATG
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TATGTTCACTGGTCTTTCCAATCTTCATCATTTGATACTGAACAACAATCAGCTGACTTTAATTTCTCT
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CATTAAAGTTTTGGTGGAAACCCCTTGCAATTGCAATTGTGAATTGTTGGTTGAGGCGTCTGTCCAGAGA
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CCTTCCTGGACTTCAAGCACTTCTGTGTCCAAAAGCAGAAAAGAAAGACTGGCACAAGCCAAGTACAG
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152447 unedited
 GTTCACATTTTGTATACGACTCATATAGGGCGGCCGGAATTTCGCACGAGGTGAGCGTGT
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 GACACCGTCTCTGAAATCAGCTTTGGAGATGCTTTCACTCTGTCCGTCTTCTGCAGCAG
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 GCTTGGTGGACCTGACTCTATCCAGGAATACAAATAGTNTATTACACCTCATGCTTTTCG
 CTGACCTACGAAATTGAGGGNNCTTGATTTGATAGCACCAGATTGACTAAATTACAATG
 ATATGTTCAGTGGGTCTTCCATCTTCATCATTGATACTNGACAACATCAGCTGACTTTA
 ATTTCTTN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_152447 unedited
 NGGTTCAACTATGNACCGCGGCACGCATTCTAGNGATCGAGTTTTTTTTTTTTTTTTTTC
 ATAGTAAACATTTATTTGTTAAAGTGATATAGATTATTCAAGATTCTACAGTCTGTAA
 ATCATGGATGGCAATGTAAGATGGATTGATACAGAACTTGATGCCAATGTAGGCTTTTTT
 TCTTTTTTAAAAAAAATACTTGAGGCCAGAGAAAAAAAATTTGGTTTTAAAGAG
 GATGAACCATGGTCTAATGGAGCCAGTTCGCCGTATCAGAGACTTTCACCTTGCTCC
 TGTAGACAATTTCTTCTACGACACCAGTTCAACAATTAGCCTTTGTGAATTGAAACATTT
 TTGAATTTTATCCAGTAAAAATATCAGTGGCAAATTTTTTCAGGAGAGAGAGGAGAAGTG
 GTGCTCTTCAGATTAACCTCCAGCCTCTGTGTTTCTGGACAATCTGGTCAACATTAGTCA
 GCAAAGCATTTGGCTTTATATGTGCTCTTTAGACGTGGGCCCTCTGTGACAGAATCGG
 GAGGACGGCTAGCTAACTGCAAGGCAGTTGAGTTGTTCTGTTAGTGTGTTGAGATTCAA
 CATTTGTGACGGCTTCATTCTGTGTTCTGTACTTGGCTTTGTGCCAGTCTTTCTTTCT
 GCTTTTGGGACACAGAAGTGCTTGAAGTCCAGGAAGANGCAAANCANNAGTAGTGGTAG
 AAGAGTCTGACTCGAACAAGTTCTGAAGATGAATCACATTGTCACTGGTAGCTTTACAC
 ACTGGGCATTCTTCTCTGTCCACGCTTGTGTTGACACGGACTGGGCAGCGTACACTACA
 CCTTGGATTGACCCCGTTATTTGGGAATAACTTGCTAACCTGGTGACCTGG

Restriction Sites:

NotI-NotI

ACCN:

NM_152447

Insert Size:

3500 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:	<u>NM_152447.2, NP_689660.2</u>
RefSeq Size:	3169 bp
RefSeq ORF:	2160 bp
Locus ID:	145581
UniProt ID:	<u>Q96NI6</u>
Cytogenetics:	14q21.1
Domains:	LRRCT, LRR, ig, LRR_TYP, IGc2, IG, FN3, LRR_PS
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a protein that belongs to the leucine-rich repeat and fibronectin type III domain-containing family of proteins. A similar protein in mouse, a glycosylated transmembrane protein, is thought to function in presynaptic differentiation. [provided by RefSeq, Sep 2016] Transcript Variant: This variant (1) encodes the longer isoform (1). Variants 1 and 3 encode the same isoform. Sequence Note: The RefSeq transcript and protein were derived from transcript and genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.