

Product datasheet for **RN210873**

Lrfn3 (NM_001107502) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrfn3 (NM_001107502) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lrfn3
Synonyms:	Salm4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210873 representing NM_001107502
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCGTCCTTCCACTACTCCTTTGCCTGCTACCGCTGGCCCCGCCTCATCTCCACCCAGCCGGCCA
 CATCCAGCCCCTGCCCCGCCGTTGCCGCTGCCAGACCCAGTCGCTGCCCTAAGCGTGTTGTGCCAGG
 GGCGGGCCTTCTGTTCTGTCGCCCATCACTGGATCGCCGCGCAGCGGAGTTGCGCCTGGCAGACAACTTC
 ATCGCGCAGTGCCTGTCGAGACCTGGCCAACATGACAGGCCTGCTGCATTTGAGCTTATCTAGAAACA
 CCATCCGCCATGTGGCAGCTGGCGCCTTCGCCGACCTACGTGCCCTGCGTGCCCTGCACCTAGATGGCAA
 TAGACTGACCTCGCTGGCGAGGGTCAGCTGCGCGGCTTAGTCAACTGCGCCACCTCATCTTGAGCAAC
 AACCGCTAGCAGCCCTGGCAGCTGGTGCCTAGACGACTGTGCCGAGACCCTGGAGGACCTCGATCTCT
 CTTATAATAACCTTGAGCAGCTGCCCTGGGAGGCTTTGGGTGCGCTGGGCAATGCAACACGTTGGGCT
 TGACCACAATTTGTTGGCTTCGGTGCCTGCTGGAGCCTTTCCCGCTGCACAAGTTGGCGGACTGGAC
 ATGACCTCCAACCGCCTGACCACCATTCCTCCTGACCCACTCTTTCCCGCTGCCACTGCTTGCCCGGC
 CTAGAGGCTCACAGCCTCTGCTCTGGTGTGGCCTTCGGGGAAACCCCTGCATTGCAACTGTGAACT
 GGTGTGGCTGCGGCGCTGGCTCGGAAGACGACCTCGAGGCCTGTGCCTCACCACCCGCTCTGGGGGGC
 CGCTACTTCTGGGCCGTGGGTGAGGAGGAGTTGTGTGTGAGCCACCCGTTGGTGACCCACCGCTCACCTC
 CCCTGGCAGTGCCCGCAGGTGCGCCAGCTGCCCTGCGATGCCGGGCGAGTGGGGACCCAGAGCCACGAGT
 GCGTTGGGTATCACCCAGGGTGGCTGCTGGGCAACTCCAGCCGTGCCCGTCCCTAATGGGACC
 CTGGAGCTACTGGTCACTGAGCCAGAAGATGGTGGTACATTCACTTGCATTGCAGCAATGCTGCTGGCG
 AGGCCACTGCTGCTGTTGAGCTGACCGTGGTCCCCCTCCACCTCCCCAGCTAGCCAATAGCACCAGCTG
 TGACCCCGCGGGACGGGAACCCGACGCCCTCACCCCGCCTCTGCGGCTTCGGCCTCCGCCAAAGTG
 GCCGACACCGTGGCCCTACCGACCGTGGTGTCCAAGTACTGAGCATGGGGCCACAGCAGCTCTTGCC
 AGTGGCCAGATCAACGGCCCGTCCAGGCATCCGCATGTACCAGATCCAGTACAACAGCTCTGCCGACGA
 CATCCTCGTTTACAGGATGATCCAGCGGACAGTCGCTCCTTCTGCTGACTGACCTGGCGTCAGGCCGT
 ACCTATGATCTGTGTGCTCGCAGTTTATGAGGACAGTGCCACCGGGCTAACAGCCACACGGCCCGTGG
 GCTGCGCTCGGTTCTCCACGGAGCCTGCACTTCGGCCTTGTGCTGCACCACACGACCGTTCCTGGGCGG
 CACCATGATTATTGCGCTGGGAGGTGCATCGTCGCTTCTGTTCTGGTCTTCATTTTCGTGCTACTTCTA
 CGCTACAAGTGCACGGAGTCCAACCGCCGGGCAAGGCCAAGGCCACAGCACCTGTCAGCAGCGTTTGTCT
 CCAGACCAACGGAGCCCTCGGCCCGTGCCAGTGCGCCTGCCCTGAGCCTGCTGCACCAAGGGCCCA
 TACTGTGGTCCAATTGGACTGTGAGCCCTGGGGGCCAGTCACGAACCTGCAGGACCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107502
- Insert Size:** 1881 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_001107502.1](#), [NP_001100972.1](#)

RefSeq Size: 2048 bp

RefSeq ORF: 1881 bp

Locus ID: 308495

UniProt ID: [B0BNK7](#)

Cytogenetics: 1q21

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]