

Product datasheet for **MC221334**

Lrfn5 (NM_178714) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrfn5 (NM_178714) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrfn5
Synonyms:	AI427653; AI604817; C130061B21; mKIAA4208
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC221334 representing NM_178714
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAAAATTCCTTTTTACCTGTTTCTCATTGGCATAGCTGTGCGAGCTCAGATCTGTCCAAAGCGTT
 GTGTCTGTCAGATTTTGTCTCCAAATCTTGCAACCCTTTGTGCCAAGAAAGGGCTTCTATTTGTTCCACC
 AACATTGACAGAAGAACTGTGGAGCTACGGCTGGCAGACAATTTTGTACAAATATCAAAGGAAAGAT
 TTTGCCAATATGACCAGCTTGGTGGACCTGACTCTATCCAGGAATACAATAAGTTTTATTACACCCCATG
 CTTTTGCTGATCTACGAAATTTGAGAGCACTGCATTTGAATAGCAACAGATTGACTAAAATTACAAATGA
 TATGTTTCAGTGGGCTTCCAATCTCCACCATTTGATATTGAACAACAATCAGCTGACTTTAATTTCTTCC
 ACAGCCTTCGATGATGTTTTGCCCTTGAGGAGCTGGACCTGCCTATAATAATCTAGAAACGATTCCCT
 GGGATGCTGTAGAGAAGATGGTGGAGCTTGACACCCCTTAGTTGGATCACAATATGATTGACAACATTCC
 TAAGGGTACTTTCTCCACTTGACAAGATGACTCGGCTAGATGTAACATCAAATAAACTGCAAAAGCTG
 CCTCCTGACCCTCTGTTTCAGCGAGCACAGGTGCTGGCCACCTCAGGAATCATAAGCCCATCGACTTTTG
 CATTGAGTTTTGGTGGAAACCCCTTGCATTGCAATTGTGAGTTGCTGTGGCTGAGGCGATTGTCTCGAGA
 AGATGACCTTGAGACGTGTGCTTCTCCTGCACTTTAACTGGTCGTTATTTTTGGTCAATTCCTGAGGAA
 GAGTTTTTGTGTGAGCCTCCGCTCATCACTCGTCATACACATGAGATGAGAGTCTTGAGGGTCAAAGGG
 CAACACTGAGGTGCAAAGCTCGAGGAGACCCTGAACCTGCGATTTCATTGGATTTCCCTGAAGGGGAAGCT
 GATTTCAAATGCAACACGATCTCTGGTGTATGATAACGGGACACTTGACATCCTTATAACAACTGTAAAA
 GATACAGGAGCTTTTACCTGTATTGCTTCCAATCCGGCAGGGGAAGCAACACAAAACCGTGGATCTTACA
 TAATTAACCTCCCTCACCTACTAAACAGCACCAATCATATCCATGAGCCTGATCCTGGTTCTTCTGATAT
 CTCCACATCCACTAAGTCAGGCTCGAATGCTAGCAGTAGTAATGGTGATACAAAAATGAGTCAAGATAAA
 ATCGTGGTGGCAGAAGCAACTTCGTCAACAGCATTACTAAAAATTTAATTTTCAAAGAAATATTCCCGGAA
 TCCGTATGTTTCAAATCCAGTACAATGGTACTTATGATGACACCCTTGTTTACAGAATGATACCTCCTAC
 GAGCAAAACATTTCTGGTCAATAATCTGGCATCTGGAACATGTATGACTTGTGTGCTTGGCCATCTAT
 GACGATGGCATCACTTCCCTCACTGCCACAAGAGTCGTGGGTTGCATCCAGTTTACTACGGAACAGGATT
 ATGTCCGTTGCCACTTTATGCACTCCAGTTCTTGGGTGGCACCATGATTATTATCATTGGTGGAATCAT
 TGTTCATCCGTGTTGGTTTTTCATCATCACTAATGATCCGGTATAAGGTTTGTAAACAATAATGGGCAA
 CACAAGGTCACGAAGTTAGCAACGTTTATTCTCAGACTAATGGGGCTCAGATGCAAGGCTGCAGTGTCA
 CGCTGCCCCAGTCCATGTCCAAACAAGCCATGGGCCATGAAGAGAATGCCAGTGTGTAAGATTGCCAG
 TGACAATGCAATTCAGTCTTCAGAAACATGTTTCGAGTCAGGACTCTTCTACCACTACCTCTGCTTTGCC
 CCTACCTGGACTTCAAGTGCCTGTGTCTCAAAGCAGAAAAGAAAGACTGGCACGAAGCCAAGTGCTG
 AGCCGCAGAGTGAAGCTGTACAAATGTTGAGTCCCAAAACACTAACAGGAACAACCTCAACTGCCTTGCA
 GTTAGCTAGCTGCCCTCCTGATTCTGTTACAGAGGGGCCACATCTCAAAGAGCACATACCAAGCCAAGT
 AAGTTTCTCACTGTGCCTGCTGAGGGATCTAGAGCCAGGCACAGGGCCTCCCTCAGTGGAGGTTAAAGG
 ACTCTTTTCACTATGGTAATTCACAGCTGTCTTAAAGAGAAGCATGTCTATGAATGCAATGTGGACTTA
 G

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_178714
Insert Size: 2241 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_178714.5 , NP_848829.2
RefSeq Size:	5191 bp
RefSeq ORF:	2241 bp
Locus ID:	238205
UniProt ID:	Q8BXA0
Cytogenetics:	12 C1
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>