

## Product datasheet for **MC220679**

### Lrfn5 (BC052038) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lrfn5 (BC052038) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrfn5
Synonyms:	AI427653; AI604817; C130061B21; mKIAA4208
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC052038  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAAAATTCCTTTTTACCTGTTTCTCATTGGCATAGCTGTGCGAGCTCAGATCTGTCCAAAGCGTT  
 GTGTCTGCAGATTTTGTCTCCAAATCTTGCAACCCTTTGTGCCAAGAAAGGGCTTCTATTTGTCCACC  
 AACATTGACAGAAGAACTGTGGAGCTACGGCTGGCAGACAATTTTGTACAAATATCAAAAAGAAAGAT  
 TTTGCCAATATGACCAGCTTGGTGGACCTGACTCTATCCAGGAATACAATAAGTTTTATTACACCCCATG  
 CTTTTGCTGATCTACGAAATTTGAGAGCACTGCATTTGAATAGCAACAGATTGACTAAAATTACAAATGA  
 TATGTTCACTGGGCTTCCAATCTCCACCATTTGATATTGAACAACAATCAGCTGACTTTAATTTCTTCC  
 ACAGCCTTCGATGATGTTTTGCCCTTGAGGAGCTGGACCTGCCTATAATAATCTAGAAACGATTCCCT  
 GGGATGCTGTAGAGAAGATGGTGGAGCTTGACACCCCTTAGTTGGATCACAATATGATTGACAACATTCC  
 TAAGGGTACTTTCTCCACTTGACAAGATGACTCGGCTAGATGTAACATCAAATAAACTGCAAAAGCTG  
 CCTCCTGACCCTCTGTTTCAGCGAGCACAGGTGCTGGCCACCTCAGGAATCATAAGCCCATCGACTTTTG  
 CATTGAGTTTTGGTGGAAACCCCTTGCATTGCAATTGTGAGTTGCTGTGGCTGAGGCGATTGTCTCGAGA  
 AGATGACCTTGAGACGTGTGCTTCTCCTGCACTTTAACTGGTCGTTATTTTTGGTCAATTCCTGAGGAA  
 GAGTTTTGTGTGAGCCTCCGCTCATCACTCGTCATACACATGAGATGAGAGTCTTGAGGGTCAAAGGG  
 CAACACTGAGGTGCAAAGCTCGAGGAGACCCTGAACCTGCGATTTCATTGGATTTCCCTGAAGGGGAGCT  
 GATTTCAAATGCAACACGATCTCTGGTGTATGATAACGGGACACTTGACATCCTTATAACAACTGTAAAA  
 GATACAGGAGCTTTACCTGTATTGCTTCCAATCCGGCAGGGGAAGCAACACAAAACCGTGGATCTTACA  
 TAATTAACCTCCCTCACCTACTAAACAGCACCAATCATATCCATGAGCCTGATCCTGGTTCTTGATAT  
 CTCCACATCCACTAAGTCAGGCTCGAATGCTAGCAGTAGTAATGGTGATACAAAAATGAGTCAAGATAAA  
 ATCGTGGTGGCAGAAGCAACTTCGTCAACAGCATTACTAAAAATTAATTTCAAAGAAATATTCCTGGAA  
 TCCGTATGTTTCAAATCCAGTACAATGGTACTTATGATGACACCCTTGTTACAGAATGATACCTCTAC  
 GAGCAAAACATTTCTGGTCAATAATCTGGCATCTGGAACATGTATGACTTGTGTGCTTGGCCATCTAT  
 GACGATGGCATACTTCCCTCACTGCCACAAGAGTCGTGGGTTGCATCCAGTTTACTACGGAACAGGATT  
 ATGTCCGTTGCCACTTATGCAGTCCCAGTTCTGGGTGGCACCATGATTATTATCATTGGTGGAAATCAT  
 TGTTGCATCCGTGTTGGTTTTTCATCATCACTAATGATCCGGTATAAGGTTTGTAAACAATATGGGCAA  
 CACAAGGTACGAAGTTAGCAACGTTTATTCTCAGACTAATGGGGCTCAGATGCAAGGCTGCAGTGTCA  
 CGCTGCCCCAGTCCATGTCCAAACAAGCCATGGGCCATGAAGAGAATGCCAGTGTGTAAGTTGCCAG  
 TGACAATGCAATTCAGTCTTCAGAAACATGTTTCGAGTCAGGACTCTTCTACCACTACCTCTGCTTTGCC  
 CCTACCTGGACTTCAAGTGCCTGTGTCTCAAAAGCAGAAAAGAAAGACTGGCACGAAGCCAAGTGCTG  
 AGCCGCAGAGTGAAGCTGTACAAATGTTGAGTCCAAAACACTAACAGGAACAACCTCAACTGCCTTGCA  
 GTTAGCTAGCTGCCCTCCTGATTCTGTTACAGAGGGGCCACATCTCAAAGAGCACATACCAAGCCAAAT  
 GCTTTGCTGACTAATGTTGATCAGAATGTCCAGGAAACACAGAGGCTGGAGTCCATATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** BC052038  
**Insert Size:** 2160 bp

<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u><a href="#">BC052038</a></u> , <u><a href="#">AAH52038</a></u>
<b>RefSeq Size:</b>	2782 bp
<b>RefSeq ORF:</b>	2159 bp
<b>Locus ID:</b>	238205
<b>Cytogenetics:</b>	12 C1
<b>Gene Summary:</b>	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]