

Product datasheet for MC208900

Lrrfip1 (NM_001111312) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lrrfip1 (NM_001111312) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lrrfip1
Synonyms: AU024550; Fliiap1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208900 representing NM_001111312
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACATGGGCACGCAGGGATCGGGCGCAAGCGGCTCCCAACCGGGAGCGGCTGACGGCGGAGGACG
 ACGCGCTGAACCAGATCGCGCGGAGGCGGAGGCCAGGCTCGCAGCGAAGCGTGCAGCCGAGCCGAGGC
 TCGAGAGATCCGGATGAAGGAGCTGGAACGGCAGCAGAAAAGAGGTAGAAGAAAGACCAGACAAGACTTT
 GCTGAGAAAGGGCTCCCGTAACATGCCTAGCCTGTCTGCAGCCACACTGGCATCTCTGGGTGGGACTTCT
 CCCGGAGAGGGAGTGGAGATACCTCCATCTCCATGGACACCGAAGCATCCATCAGGGAATCAAGGAACT
 TAATGAGTTAAAGGACCAGATTCAGGATGTAGAAGGCAAATACATGCAGGGACTGAAAGAGATGAAGGAC
 TCGCTGGCCGAAGTTGAGGAGAAGTACAAGAAAGCTATGGTCTCCAACGCCAGCTAGACAATGAGAAGA
 CCAACTTCATGTACCAGGTGGACACACTGAAGGACATGCTGTGGAGCTGGAAGAGCAGCTGGCCGAGTC
 TCAGCGCAATACGAGGAGAAGAACAAGGAGTTCGAGAGGGAGAAGCATGCCACAGCATCTCTGCAGTTC
 CAGTTTGCCGAAGTGAAGAGGCCCTGCGGCAAAGGGAAGAGATGCTCGAGAAACATGGAATAATCCTAA
 ATTCAGAAATAGCCACCAACGGAGAGACTTCAGACACAGTAAATGACGTTGGGTATCAAGCCCTACGAA
 GATAACAAAAGAAGAGCTGAATGCCCTCAAGTCGCGCCGGGAGGGGACCCTAGACGTTAGGTTGAAAAAG
 CTCATTGATGAACGGAATGTCTGTTGGAACAGATTAAGAAGCTCAAAGGCGAGCTGGAGGGAAGACAGA
 AGAACAAACAGCTGGACCTTCTTCGAGCCGAGGACGGTATCTTGGAAGATGGGACAGACGCGCATGTCAT
 GGATCTGCAAAGAGATGCCAACAGACAGATCAGCGACCTCAAATTTAACTTGCAAAATCTGAGCAAGAG
 ATAAGTGCCTTAGAACAAAATGTAATAAGGTTAGAGAGCCAAGTAACGCGCTATCGATCAGCCGCCGAAA
 ATGCAGAAAAATAGAAGATGAACTAAAGGCAGAAAAACGGAAGCTCCAGAGAGAGCTTCGCTCTGCACT
 GGACAAAACAGAAGAGCTCGAGGTGAGCAACGGCCACCTCGTAAAGCGACTGGAAAAGATGAAAGCCAAC
 CGCAGCGCTCTTGTCCAGCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001111312
Insert Size:	1287 bp
OTI Disclaimer:	<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 custsupport@origene.com 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. More info</p>
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_001111312.1 , NP_001104782.1
RefSeq Size:	2107 bp
RefSeq ORF:	1287 bp
Locus ID:	16978
UniProt ID:	Q3UZ39
Cytogenetics:	1 D
Gene Summary:	<p>Transcriptional repressor which preferentially binds to the GC-rich consensus sequence (5'-AGCCCCGCG-3') and may regulate expression of TNF, EGFR and PDGFA. May control smooth muscle cells proliferation following artery injury through PDGFA repression. May also bind double-stranded RNA (By similarity). Positively regulates Toll-like receptor (TLR) signaling in response to agonist probably by competing with the negative FLII regulator for MYD88-binding (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) has multiple differences in the coding region and contains different segments for both UTRs, compared to variant 1. The resulting protein (isoform 3) is shorter and has distinct N- and C-termini when it is compared to isoform 1.</p>