

Product datasheet for MC218425

Lrrfip2 (NM_001164838) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrfip2 (NM_001164838) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrrfip2
Synonyms:	5133400F20Rik; AI850587
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC218425 representing NM_001164838 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGACTCCTGGTTCTGGAAGGAAAAGAACGCCGGTAAAAGATCGATTTTCTGCAGAAGATGAAGCTT
TGAGTAACATCGCCAGAGAGGCCAGAAGCAAGGCTAGCAGCAAAGCGGGCCCGCCAGGGCAGAAGCAAGAGA
CATCCGCATGCGGGAACCTGGAACGACAGCAGAGAGAGGGAGTTGAGGATACATTGTCTCTTCGGAGCCTT
GGCAGTACAGGTTGGATGAAAAATCTGACAAACAGTATGCTGAAAACACACAAGACCTTCATCTCGAA
ATTCTGCCTCGGCTACAACGCCTCTAAGTGGGAACCTATCCAGACGGGGTAGTGGGGACACCAGCAGCTT
AATAGACCCAGACACCTCACTGAGTGAAGTGGGGAGTCTTTGTCTGAAGTAGAAGAGAAAATACAAGAAA
GCCATGGTGTCCAATGCACAACCTAGACAATGAGAAGAACAATCTGATCTACCAGGTGGACACCCTCAAGG
ATGTCAATTGAAGAGCAGGAGGAGCAGATGGCAGAGTTTTATAGAGAGAACGAAGAGAAGTCAAAGGAGTT
AGAAAGGCAGAAACACATGTGCAGCGTGTGCAGCATAAGATGGATGAAGTCAAAGAAGGCCTTCGGCAG
AGGGACGAGCTCATCGAGAAACATGGCTTAGTTATAATCCAGACAGCACTCCCAATGGTATGTCCATC
ATGAGCCTGTGGTTGGAGCCATTACTGCTGTGTCTCAGGAAGCTGCTCAGGTCTGGAGTCAGCAGGAGA
AGGGCCACTAGATGTGAGGCTACGAAAGCTTGTGGAGAAAAGGACGAGCTCTTGTACAGATTAGAAAA
CTGAAGCTCCAGTTAGAGGAAGAACGGCAGAAAGTGTCCAGGAATGATGGCATGTCCGGGGACCTGGCAG
GACTGCAGAACGGCTCAGACTTGCAAGTTCATCGAGATGCAGAGAGATGCCAATAGACAAATTAGTGAATA
CAAATTCAAGCTTTCGAAAGCAGAAACAAGACATAGCTACCTTGGAAACAAAGTATCAGCCGGCTTGAGGGG
CAGGTGCTGAGGTACAAAACCTGCTGTGAGAATGCAGAGAAAATTGAAGATGAGCTGAAAGCAGAAAGGA
GGAAGCTACAGCGAGAGCTACGGACGGCACAGGACAAGATAGAGGAGATGGAGATGACCAACAGCCACCT
GGCTAAGCGGCTAGAGAAGATGAAAGCCAACAGGACAGCCCTTCTAGCCAGCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001164838
Insert Size:	1248 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:	<u>NM_001164838.1</u> , <u>NP_001158310.1</u>
RefSeq Size:	3260 bp
RefSeq ORF:	1248 bp
Locus ID:	71268
UniProt ID:	<u>Q91WK0</u>
Cytogenetics:	9 F3
Gene Summary:	<p>May function as activator of the canonical Wnt signaling pathway, in association with DVL3, upstream of CTNNB1/beta-catenin. 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 (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>