

Product datasheet for **SC325337**

LRRFIP1 (NM_001137552) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRFIP1 (NM_001137552) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRFIP1
Synonyms:	FLAP-1; FLAP1; FLIAP1; GCF-2; GCF2; HUF1-1; TRIP
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001137552, the custom clone sequence may differ by one or more nucleotides

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ATGACCAGCCCCGCGCCGCTCAAAGCCGGGAGATCGACTGTTTGGAGCCCGGAAGCGCAG
AAGCTGGCGGAAGCCCGGCTCGCTGCAAAACGGGCGGCCCGCGCGGAGGCTCGCGAGATC
CGCATGAAGGAGCTGGAGCGGCAGCAGAAGGAGGAAGACAGTGAAGCGCTACTCTCGTAGA
TCCAGAAGAAACACATCGGCTTCTGATGAAGACGAGCGCATGTCAGTGGGTAGTCGTGGA
AGCCTGAGGGTAGAAGAGAGACCAGAAAAGATTTTACTGAGAAGGGGTCTCGTAACTG
CCGGGCCTGTCTGCAGCCACGCTGGCCTCTCTGGGTGGGACTTCCTCTCGGAGAGGCAGC
GGAGACACCTCCATCTCCATCGACACCGAGGCATCCATCAGGAAATCAAGGAACTCAAT
GAGTTAAAGGACCAGATTGAGGATGTAGAAGGCAATACATGCAGGGATTGAAAGAGATG
AAGGACTCTTAGCAGAAGTTGAAGAGAAATATAAGAAGGCTATGGTTTCCAATGCTCAG
CTAGACAAATGAAAAGACAACTTCATGTACCAGTTGATACCCTAAAAGATATGTTGCTG
GAGCTTGAAGAACAGCTGGCTGAATCTAGGCGGCAGTACGAAGAGAAAAACAAAGATTT
GAAAGGGAAAAACAGCCACAGTATACTGCAATTTGAGTTTCTGAAAGTCAAGGAGGCC
CTGAAGCAAAGAGAGGAAATGCTCGAGAAACATGGAATAATCCTAAATTCAGAAATAGCT
ACCAATGGAGAGACTTCCGACACCCTCAATAATGTTGGATACCAAGGTCCTACCAAGATG
ACAAAAGAAAGAGTTAAATGCCCTCAAGTCGACAGGGGATGGGACCCTAGGAAGAGCCAGT
GAAGTGGAGGTGAAAAATGAAATCGTGGCGAATGTGGGAAAAAGAGAAATCTTGACAAT
ACTGAGAAAGAACAACACACAGAGGACACAGTGAAGGACTGTGTGGACATAGAGGTATTC
CCTGCTGGTGAGAATACCGAGGACCAGAAATCCTCTGAAGACACTGCCCATTCCTAGGA
ACCTTAGCAGGTGCTACCTATGAGGAACAGGTTCAAAGCCAAATCTTGAGAGCAGTTCT
CTCCCTGAAAACACAGTACAGGTTGAGTCAAATGAGGTCATGGGTGCACCAGATGACAGG
ACCAGAACTCCCCTTGAGCCATCCAATGTTGGAGTGACTTAGATGGTGGGAACACACA
GAGAATGTGGGAGAGGCAGCAGTACTCAGGTTGAAGAGCAGGCAGGCACAGTGGCCTCG
TGTCTTTAGGGCATAGTGATGACACAGTTTATCATGATGACAAATGTATGGTAGAGGTC
CCCCAAGAGTTAGAGACAAGCACAGGGCATAGTTTAGAGAAAGAAATTCACCAACCAGGAA
GCAGCTGAGCCCAAGGAGGTTCCAGCGCACAGTACAGAAGTAGGTAGGGATCACAAACGAA
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TCTCCAGCAGGAACTGAGGGCACTGTCAGGAAGCGACAGGTCCAAGTACAGTAGACT
CAAAATGAACCTTAGATATGAAAGAGCCCGATGAAGAAAAGAGTGACCAACAGGGAGAG
GCATTGGACTCATCGCAGAAGAAGACAAAGAACAAGAAAAGAAAACAAGAAGAAAAAA
TCCCCAGTACCCGTAGAAACCTTAAAGATGTTAAAAAGAGTTAACGTATCAGAACACA
GATTTAAGTGAAATTAAGGAAGAAGAGCAGGTAAGTCTACTGACAGAAAGTCAGCAGTG
GAAGCCAAAAACGAGGTGACTGAAAATCCAAAACAGAAAATGTCAGCAGAAAGCAGTGAA
AATGTTGATTGTCCGGAGAAATCCTAAAATTAAGTTGGATGGAAAACCTTGACCAAGAAGGT
GATGATGTACAAACAGCAGCTGAGGAGGTAAGTACTAGCTGATGGAGACACATTAGATTTGAG
GATGACACCGTTCAATCATCAGGCCCGAGGGCTGGTGGTGAAGAATTAGATGAAGGTGTT
GCAAAAAGATAATGCTAAAATAGATGGTGCCACTCAAAGCAGTCTGCAGAACCAAGAGC
GAAGACGCAGATCGTGCACCCTGCCGAACATGAAAGTCCCTCACAGGACATTAGTGAT
GCCTGTGAAGCAGAAAGTACAGAGAGGTGTGAGATGTGAGAATCCAAGTCAGACCGTC
AGGAAAGCTTTAGACAGCAATAGCCTAGAGAACGATGACTTGTCCGCACCAGGAAGAGAG
CCAGGGCACTTCAATCCAGAAAGCAGAGAAGATACCAGAGGAGGGAATGAGAAGGGCAA
AGCAAAGAAGACTGTACCATGTCC

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Restriction Sites: Please inquire

ACCN: NM_001137552

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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001137552.1</u> , <u>NP_001131024.1</u>
RefSeq Size:	4510 bp
RefSeq ORF:	2427 bp
Locus ID:	9208
UniProt ID:	<u>Q32MZ4</u>
Cytogenetics:	2q37.3
Protein Families:	Transcription Factors
Gene Summary:	<p>Transcriptional repressor which preferentially binds to the GC-rich consensus sequence (5'-AGCCCCCGGCG-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. Positively regulates Toll-like receptor (TLR) signaling in response to agonist probably by competing with the negative FLII regulator for MYD88-binding. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) encodes the longest isoform (3).</p>