

Product datasheet for **SC326139**

LRRFIP1 (NM_001137550) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRFIP1 (NM_001137550) 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_001137550, the custom clone sequence may differ by one or more nucleotides

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ATGGACATGGGCACCCAGGGATCGGGGCGCAAGCGGCTCCCCAACCGGGAGCGGCTCACG
GCGGAGGACGACGCGCTCAACCAGATCGCGCGGGAGGCGGAAGCCCGGCTCGTGCAAAA
CGGGCGGCCCGCGCGGAGGCTCGCGAGATCCGCATGAAGGAGCTGGAGCGGCAGCAGAAG
GAGATCTATCAGGTCCAAAAGAAATATTATGGGCTGGATACAAAATGGGGTGACATCGAG
CAGTGGATGGAAGACAGTGAGCGCTACTCTCGTAGATCCAGAAGAAACACATCGGCTTCT
GATGAAGACGAGCGCATGTCAGTGGGTAGTCGTGGAAGCCTGAGGTCGCAGCCTGACTTG
GAGTATGGGGTCTTACGCCTGGACAAAATGGTTATGATGGAGAATTGTATGGATCACAG
TCCCTGAATAGAAGATCTGGCAGGCCCTCTGTCTGTACAGCGCTGCCCGGCTTCGGGG
AGTTACCGGGCGTCTGTGTTGGATGAAGGCAGCTTCGGTGGGACCCGACGGGGCAGCACC
TCCGGCTCCCGTCTCCCTCGGAGTACAGCGGCCACCTCAACTCCAGCTCCCGCGCTCC
TCCAGGGCCAGCTCGGCCGGGCCAGCCCTGTGGTAGAAGAGAGACCAGAAAAAGATTTT
ACTGAGAAGGGTCTCGTAACATGCCGGCCTGTCTGCAGCCACGCTGGCCTCTCTGGGT
GGGACTTCTCTCGGAGAGGCAGCGGAGACACCTCCATCTCCATCGACACCGAGGCATCC
ATCAGGGAATCAAGGAACCTCAATGAGTTAAAGGACCAGATTCAGGATGTAGAAGCAAA
TACATGCAGGGATTGAAAGAGATGAAGGACTCTTAGCAGAAGTTGAAGGAAATATAAG
AAGGCTATGGTTTCCAATGCTCAGCTAGACAATGAAAAGACAACTTCATGTACCAGTT
GATACCTAAAAGATATGTTGCTGGAGCTTGAAGAACAGCTGGCTGAATCTAGGCGGCAG
TACGAAGAGAAAAACAAGAATTTGAAAGGGAAAAACACGCCACAGTATACTGCAATTT
CAGTTTGTGAAGTCAAGGAGGCCCTGAAGCAAAGAGAGGAAATGCTCGAGGAAATCCGA
CAGCTACAGCAGAAACAGGCGAGTTCTATCAGGGAGATTTCTGATCTTCAGGAAACAATA
GAGTGGAAAGACAAAAAGATAGGGGCATTAGAGAGGCAGAAAGAGTTCTTTGATCCGTA
AGGAGTGAACGGGATGATCTTAGAGAAGAAGTAGTCATGCTGAAAGAGGAATTAAGAAA
CATGGAATAATCCTAAATTCAGAAATAGCTACCAATGGAGAGACTCCGCACCCCTCAAT
AATGTTGGATACCAAGTCTACCAAGATGACAAAAGAAGAGTTAAATGCCCTCAAGTCG
ACAGGGGATGGGACCCTAGATATTAGGTTGAAAAGCTGGTTGATGAACGGGAATGCTTA
TTGGAACAGATTAAGAACTCAAAGGGCAGCTGGAGGAGAGACAGAAGATTGGCAAATA
GACAATCTTCGATCTGAAGATGATGTCTTGAAAACGGGACAGACATGCATGTAATGGAC
CTCAAAGGGATGCCAACAGACAGATCAGCGACCTCAAATTTAACTTGCAAAATCTGAG
CAAGAGATAACTGCATTAGAACAAAATGTAATAAGGTTAGAGAGTCAAGTATCACGTTAC
AAATCAGCGGCTGAAAATGCAGAAAAAATAGAAGATGAACTTAAGGCAGAAAAACGGAAA
CTCAAAGAGAGCTCCGCTCTGCATTGGATAAAACAGAAGAGCTCGAGGTGAGCAACGGC
CACTTAGTGAAGCGTCTGGAAAAATGAAAGCAAATCGGAGTGCACCTCTGTCCCAGCAG

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- Restriction Sites:** Please inquire
- ACCN:** NM_001137550
- 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:	NM_001137550.1 , NP_001131022.1
RefSeq Size:	4109 bp
RefSeq ORF:	1923 bp
Locus ID:	9208
UniProt ID:	Q32MZ4
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 (1) differs in the 5' and 3' UTRs, and has multiple coding region differences, compared to variant 3. The resulting isoform (1) has a longer and distinct N-terminus, three additional internal segments and a shorter and distinct C-terminus, compared to isoform 3.</p>