

Product datasheet for **SC117183**

LRRFIP1 (NM_004735) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRFIP1 (NM_004735) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRFIP1
Synonyms:	FLAP-1; FLAP1; FLIAP1; GCF-2; GCF2; HUF1-1; TRIP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC117183 sequence for NM_004735 edited (data generated by NextGen Sequencing)

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ATGACCAGCCCCGCGCCGCTCAAAGCCGGGAGATCGACTGTTTGGAGCCCGGAAGCGCAG
AAGCTGGCGGAAGCCCGGCTCGCTGCAAAACGGGCGGCCCGCGCGGAGGCTCGCGAGATC
CGCATGAAGGAGCTGGAGCGGCAGCAGAAGGAGGAAGACAGTGAAGCGCTACTCTCGTAGA
TCCAGAAGAAACACATCGGCTTCTGATGAAGACGAGCGCATGTCAGTGGGTAGTCGTGGA
AGCCTGAGGGTAGAAGAGAGACCAGAAAAAGATTTTACTGAGAAGGGGTCTCGTAACATG
CCGGGCCGTCTGCAGCCACGCTGGCCTCTCTGGGTGGGACTTCCTCTCGGAGAGGCAGC
GGAGACACCTCCATCTCCATCGACACCGAGGCATCCATCAGGAAATCAAGGACTCTCTA
GCAGAAGTTGAAGAGAAATATAAGAAGGCTATGGTTTCCAATGCTCAGCTAGACAATGAA
AAGACAACTTTCATGTACCAGGTTGATACCCTAAAAGATATGTTGCTGGAGCTTGAAGAA
CAGCTGGTGAATCTAGGCGGCAGTACGAAGAGAAAAACAAGAATTTGAAAGGGAAAAA
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GAGGAAATGCTCGAGAAACATGGAATAATCCTAAATTCAGAAATAGCTACCAATGGAGAG
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TTAAATGCCCTCAAGTCGACAGGGGATGGGACCCTAGGAAGAGCCAGTGAAGTGGAGGTG
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CCGGAGAATCCTAAAATTAAGTTGGATGGAAAACCTTGACCAAGAAGGTGATGATGTACAA
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CAATCATCAGGCCCGAGGGCTGGTGGTGAAGAATTAGATGAAGGTGTTGCAAAAGATAAT
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GAAAGTACAGAGAGGTGTGAGATGTCAGAACATCCAAGTCAGACCGTCAGGAAAGCTTTA
GACAGCAATAGCCTAGAGAACGATGACTTGTGCGCACCGGAAGAGAGCCAGGGCACTTC
AATCCAGAAAGCAGAGAAGATACCAAGAGGAGGGAATGAGAAGGGCAAAAGCAAAGAGAC
TGTACCATGTCCTAA

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Clone variation with respect to NM_004735.3

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_004735 unedited</p> <pre>GGTTGGATTTGTATACGACTCCTATAGGGCGGCCGCGATTTCGGCACGAGGCCGAGCCCGA CTCAGCCCCGGCCACCTGCGCCCCGCCCTGTTCGGCCGCGCCGAGCCAGCGCCGCGA GCCGCTCCCCGGCGGGCTGGCTCCTGGCCCCGGAAGCGCGAGCGTTCACTTAGCGGCGAG TGGCTCCGTCTCCGCGGACAGAGCGCGCCCCCTGGCCCCGGCCGCGAGGGGCTCCCGG CCGCGTCCCCGAGCATTCCCCCGGGTGGAGCGGGCCGAGCCCCGGCAGGATGACCAGCC AAGCCCCGCTCGCTGCAAAACGGGCGGCCCGCGGAGGCTCGCGAGATCCGCATGAAGG AGCTGGAGCGGCAGCAGAAGGAGGAAGACAGTGAGCGCTACTCTCGTAGATCCAGAAGAA ACACATCCGGTCTGATGAAGACGAGCGCATGTCACTGGGCGAGTCTGGAAGCCTGATG GTAGAAGAGAGACCAGAAAAAGATTTTACTGAGAAGGGGTCTCGTAACATGCCGGCCCTG TCTGCAGCCACCCTGGCTCTCTGGGTGGACTTCTCTCGGAGAGGCAGCGGAGACAC CTCCATCTCCATCGACACCGAGGCATTCATCAGGGAATCAAAGACTCTTACCAGAATT TGAAGAGAAATACTACAAGGCTATGGTTTCCCATGCTCAGCTATACCACGAAAAGACAAA CTTCATGGTCCCAGGGTGATACGCTCAAAGATATGTTGCCTGAGCTTTGAAGAACAGCTG GCTGAATCTCAGCGGCGTTCCGAGCAAGAAAACCGCAATTGCCAAGGGAGAAAACATCC CCAACAGTATACTGCATTTTCATGTCTGCTGAAGCTCACG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_004735 unedited</p> <pre>GCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTAGAGACAGTGTCTCACTCTGTCTCCC AGGCTAGAGTACAGTGTGCAATCATAGCTCACTGCAGCCTTGAACCTTGGCCTCAAGCA ATCCTCCCACCTTGGCTTCCCAATGTGCTAGGTTTACAGGCGTAAAACATTGTGTGTG TGT GTACAATGGCTTGATCTTGGCTCACTGCAATCTCTGCCTCGCAGGTTCAAGCGATTCTCC TGCCCTCAGCCTCTGGAGTGGCTGGGATTACAGGCGCCACCATCACGCCCGGCAATTTT TTGATTTTTAGTAAAGACAGGGTTTACCATGTTGGCCAGGCTGGCCTCGAACTCTTGA CCTCAGGTGATCCACCTGCCTTGGCCTCCCAATGTACTGAGATTACAGGCATGAGCCACC ACGCCCCGCCAAAAACATTTAAAAAATGACTGTCCCTGCTCAAATACTGCAGTAGGAAAT GTAATTTGACATATCACTTCCAGAAAAAACTTTAAATCTTTCTATAAAATGAATTTG ATACATCATCAGCATGAAGTGAAGTAAATCTCTTACAAGTAATTCAGGTATATAACATG AGATCCAAAGTATCGGTTCAAGACAAAGACTCTATGAGGTAAGGCAAATAAGCCCTATG CTTTAGACATTACTTGTATCCCTAAAGATATTGTTCAAGCGCAAATTTATATTCAAGACC TATTGCTTTGGCTGTTATCTCTTAATAAATACCTACCGGTATATGCACTTTTTAATCAA TTGAAGGCCCTTGGGACAGAACTAATTAATTCATTTTCTAAACCAAGTCAAAGCCT TTGGCTTCATTAAGCCGTTTTTGGCAAAAACCCTTCTTTACCAAGAAATAAGCCCTTT ATAG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_004735
Insert Size:	4260 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:	NM_004735.2 , NP_004726.1
RefSeq Size:	3648 bp
RefSeq ORF:	2355 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 (4) lacks an in-frame exon in the coding region, compared to variant 3. The resulting isoform (4) lacks an internal segment, compared to isoform 3.</p>