

Product datasheet for **SC108451**

LRRC41 (NM_006369) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC41 (NM_006369) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRC41
Synonyms:	MUF1; PP7759
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_006369, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCGCCCGAGGCCTGGCGCGCCCGAGTTGCTGGTTCTGTGAGGTAGCGGCGGCAACGACCATGG
AGGCCACGTCCCGGGAGGCGGCGCCAGCGAAGAGCTCGGCCTCGGGCCCCAACGCTCCCCCGCCCTGTT
CGAGCTGTGCGGGCGGGCGGTGAGCGCCCATATGGGGTTCTGGAGAGCGGGGTGTGGCCCTCCAGGC
CCAATACTTCAAAGCATCCTACCTCTGCTCAATATATATTACTTGGAGAGGATTAGGAAACTGCCCTCA
AGAAAGGCCTCTCAACTCAGGCCATCTGGCGCCGACTCTGGGATGAAGTATGAAGACAAGGCCTTCCAG
TTTGAAAGTGTGACATGTTGGCGAGCCAAGTTTATGGAGGCCTTTTTTCCCATGTTCTACGTGGGACC
ATTGATGTGCTTCTGACAGGCGTCTTTGTGATCAGCGGTTCTCACCTCTTCTGCACAGCTCCCGCCATG
TCCGACAGCTCACCATCTGTAAACATGCTGCAGGGTGCAACCGAGCTGGTGGCTGAGCCCAACCGCAGGGT
TCTGGAGACCCTGGCCAGCTCCCTGCACACTCTCAAGTTCGCCACCTGCTGTTCTCTGATGTGGCTGCT
CAGCAGTCACTTCGGCAGCTGTTGCATCAGCTCATTACCATGGGGCTGCAGTCAAGTGTGCTATACT
CCTGGCCTGTGCCTGAGTCAGCCCTTTTCATCCTTATTCTCACCATGAGTGTGGCTTCTGGCAACCAGG
GCCTGGTGGCCCAACCCTGCCGCCTCTGTGGAGAGGCCTCCCGAGGCGGGGCCCATCCCGAGATGAAGGG
TCCCTCTTATTGGGCTCACGTGCGCCCCGCCGGGATGCTGCTGAGCGATGTGCTGAGCCCTGATGGCCA
GCCGGCGTAAGAGTGAAGCCAAGCAGATGCCAGAGCTGCACCTGCCACTCGGGTAACACGCCGGAGCAC
ACAGGAGAGCCTGACAGCAGGCGGAACAGACCTTAAGAGGGAGCTGCACCCCCAGCCACCTCCCATGAG
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ACAAACGGGCACCAGTAGCTCAGCCCCACAGCCTAAGCCCTAAAGCGTTTCAAGCGAGCTGCAGGGAA
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GCTGGCGAGAAGGAGGATGGCGAAGAGATGGAGATTGGGGAAGTGCTTGTGGAGCTTTGGATGGATCAG
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GAGAGCCTCACACTCTCTACAATGGCCTGGGCTCTAACATCTTCCGCCTGCTAGACAGCCTGCGGGCCC
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GGAGCTGACACGTGCTATCGTGCAGCACTGCCCTGCTACGGGCTCTCTATTCTGTTGACCACCCA
AGCCAGCGGGACAACCCTGGTGTGCCAGGAATGCAGGGCCCCCTAGCCACATAATAGGCGATGAGGAGA
TACCAGAAAAGTGCCTGGAGCAGTTGGAGATGGGATTTCCAGGGGAGCCAGCCAGCCCCACTGCTGTG
CTCCGTTCTGAAGGCCTCGGGTTCTCTGCAGCAGCTGTCCCTGGATAGTGCCACCTTTGCCTCTCCCCAG
GATTTTGGGCTTGTTTTGCAAACACTCAAAGAGTACAACCTAGCCCTGAAAAGACTGAGCTTCCATGACA
TGAATCTCGTGACTGTGAGAGCGAGGTGCTCTTTTTGCTACAGAATCTGACTCTGCAAGAGATTACCTT
CTCCTTCTGCCGTCTGTTTGAGAAGCGCCAGCCCAATTTCTGCCTGAGATGGTTGCTGCTATGAAGGGC
AACTCCACACTGAAGGGCCTCCGGCTGCCAGGGAACCGCCTGGGGAATGCTGGCCTGCTGGCCTTGGCAG
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TGTTAGCGACTCATGGGACTCATCCAGGCCTTCGCAGATTATGTTAGCACCATGTGA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006369 unedited
 GGTTTTCAAATTTGTATACGACTCATATAGGCGGCCGCGAAATTCGCACGAGGGCGTCTT
 TGTGATCAGCGGTTCTCACCTCTTCTGCACAGCTCCCGCCATGTCCGACAGCTACCATC
 TGTAACATGCTGCAGGGTGCAACCGAGCTGGTGGCTGAGCCCAACCGCAGGGTTCTGGAG
 ACCCTGGCCAGCTCCCTGCACACTCTCAAGTTCGCCACCTGCTGTTCTCTGATGTGGCT
 GCTCAGCAGTCACTTCGGCAGCTGTTGCATCAGCTCATTACCATGGGGCTGTCAGTCAA
 GTGTCGTATACTCCTGGCCTGTGCCTGAGTCAGCCCTTTTCATCCTTATTCTCACCATG
 AGTGCTGGCTTCTGGCAACCGAGGCTGGTGGCCACCTGCGCCTCTGTGGAGAGGCC
 TCCCGAGGCCGGGCCCATCCCGAGATGAAGGGTCCCTCTTATTGGGCTCACGTCGGCCC
 CGCCGGGATGCTGCTGAGCGATGTGCTGCAGCCCTGATGGCCAGCCGGCGTAAGAGTGAA
 GCCAAGCAGATGCCAGAGCTGCACCTGCCACTCGGGTAACACGCCGGAGCACACAGGAG
 AGCCTGACAGCAGGCGGAACAGACCTTAAGAGGGAGCTGCACCCCCAGCCACCTCCCAT
 GAGGCTCCTGGCACCAAGCGGTACCTTCTGCTCCAGCAGCCACCTCCTGCTCTTCT
 TCTACATCCTCATACAAACGGGCACCAGCTAGCTCAGCCCCACAGCCTAAGCCCCTAAAG
 CGTTTCAAGCAGCTGCANGGAAGAAGGGTGTCTGCACCCGTGAGGGGCTGGTGCAGAG
 TCTGAAGACTGTATGACTTCGTTNNTATTGTGGCTGGCGAGAAGGAGATGGCGAANAGAT
 GAGATGGNGAATA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_006369 unedited
 CGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTGTGTTGCCAAAATTTATTTTAT
 AAGAAAACTTTTTTGGTTAAAAAAGAATAAAGGTATGAAAGGGTTTGAGGCCTGAGA
 GCAGTGTGGTAAGCCAGCAGGGAAGAAGCCCCCTATACTTCTCTAAAGCCTGGGTGCCT
 GCTTGAGGAGGGAAGGCAGGAACCCAGGGCAGGGGAGGGGATCTCTTCAGCAATTATGA
 TGACCACTGTAACCTCCTGGCCCAGGGTCCCAGGATACTGAGTAAGGGGCCCAAAGACT
 ATAAACCCAGCTGTGAGAATGCCTGTTTGTGGCCTCATCAAGGCCTCCAGGACCTCAG
 TGCAAGGGAAGAAGGAAAAAAGAGAAAAAGGTGACAGAAAGAGAAAGATAGAATGGTG
 GTTGGGGTTCTGGGCAGCCCATGCTTCAGCCCCGCAAGCTGATGGTACCGAGCATGAGA
 CTGTGAGGTACGGGCCCCATCACATGGTGCTAACATAATCTGCGAAGGCCTGGGATGAGT
 CCCATGAGTCGCTAACCATATGGCAAGTATCCCGAGCCCGCGGAGGGTCCCTGCCGTG
 ACTGCATCCTGTCCACCCAGTTTTGAAAAGCGCAAGTGACCAAAGGCTTCACGGGCCCA
 GCGCTCCAACCGCTTGGGGAACCTCATATCCCCATCTGCCTTGGTCCACTTGGAAGTAT
 GTCCAAGTGACAAAAAAGAGGATGAATCCTTTGAAAACTCCGGCCAAGCCCAAGCC
 CCCATTCCAGGGGCTCCCTGCAACCGGGGGCCCTCATGTGGATTCCCTCATACCCAAC
 CTCTCAGCCCAATGGGCTGGCGCTCCAAACACAGGGAAGGAAAGGATTTCTGCCAA
 CCAATCTCTAACAAAAACACCCCCCTCCCTCACCATTATTCCTGAATCTACTCTTCCG
 TCGGTCCCCCCCAG

Restriction Sites:

NotI-NotI

ACCN:

NM_006369

Insert Size:

2940 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:	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_006369.1, NP_006360.1</u>
RefSeq Size:	2960 bp
RefSeq ORF:	1854 bp
Locus ID:	10489
UniProt ID:	<u>Q15345</u>
Cytogenetics:	1p34.1-p33
Domains:	LRR_RI
Gene Summary:	Probable substrate recognition component of an ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.[UniProtKB/Swiss-Prot Function]