

Product datasheet for **SC127550**

LRRC31 (NM_024727) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC31 (NM_024727) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRC31
Synonyms:	HEL-S-293
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 SC127550 sequence for NM_024727 edited (data generated by NextGen Sequencing)

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ATGAGTCAAACAAGGAAGAAAACCTCCTCAGAAGGAGAACTAAGCCCCAGACTTCAACT
GTCAACAAATTTCTCAGGGGCTCCAATGCTGAAAGCAGAAAAGAGGACAATGACCTTAA
ACAAGTGATCCCAACCCAGCGACTGGATACAGAAGACAGCCACCTCAGAGACTGCTAAG
CCTCTCAGTTCAGAAATGGAATGGAGATCCAGTATGGAGAAAAATGAGCATTTCTGCGAG
AAGCTGGGCAAAAAGGCTGTCAACAAGTGTCTAGATTTGAATAACTGTGGATTAACAACA
GCGGACATGAAAGAAATGGTTGCCCTTGCTGCCTTTTCTCCAGACTTGAAGAAGCTGGAT
ATCTCCTGGAATGGTTTTGTAGGTGGAACCTCCTTTCCATCACTCAGCAAATGCATCTG
GTCAGCAAGTTAAAAATCTTGAGGCTGGGTAGCTGCAGACTCACCAGTACGATGTTCAA
GCACTGGGAGAAGCATTGAGATGATTCTGAAGTGAAGAGCTAAATTTGCTTGAAC
AGTAAAGTGGGAGGAAATTTGCCCTGATCCTCAGAAGTTCCAAAAGGGAGCAAGATA
CAAATGATTGAGCTTGTGGATTGCTCCCTCACGTCAGAAGATGGGACATTTCTGGGTCAA
CTGCTACCTATGCTGCAAGTCTCGAAGTACTTGATCTTTCCATTAACAGAGACATTGTT
GGCAGTCTGAACAGTATTGCTCAGGGATTAAGAACACCTCAAATCTGAAAGTACTGAAG
TTACATTCATGTGGATTATCAGAAAAGAGTGTCAAATATTGGATGCTGCTTTTAGGTAT
TTGGGTGAGCTGAGGAAATTAGATCTTTCTGCAATAAGGATCTAGGTGGAGGTTTTGAA
GACTCGCCGGCTCAGTTGGTCTAGCTAAAGCATCTACAAGTCTAGATCTTACCAGTGC
TCACTAACAGCAGATGACGTGATGTCACTGACCCAGGTCAATTCCTTTACTTTCAAATCTT
CAAGAATTGGATTATCAGCCAACAAAAGATGGGAGTCTTCTGAAAACCTTACTCAGC
AGGCTCCGATTTTACCAGCATTGAAGTCAATAGTTATCAACAAGTGTGCTTTGGAGAGT
GAGACTTTTACAGCTCTTGCTGAAGCCTCTGTTACCTCTCTGCTCTGGAAGTATTCAAC
CTTTCTTGGAAACAAGTGTGTTGGTGGCAACTTGAAGCTGCTTCTGAAACACTAAAGCTT
TCCATGTCTCTTCAAGTCTGAGGCTGAGCAGCTGTTCCCTGGTGACAGAGGATGTGGCT
CTCCTGGCATCGGTCTACAGACGGGTCTCTGGCCAACTGCAAAAGCTGGACCTGAGC
TACAATGACAGCATCTGTGATGCGGGTGGACCATGTTCTGCCAAAACGTGCGGTTCTC
AAAGAGCTAATCGAGCTGGATATTAGCCTTCGACCATCAAATTTTCGAGATTGTGGACAA
TGGTTTAGACACTTGTATATGCTGTGACCAAGCTTCTCAGATCACTGAGATAGGAATG
AAAAGATGGATTCTCCAGCTTACAGGAGGAAGAACTAGAATGCTTTGACCAAGATAAA
AAAAGAAGCATTCACTTTGACCATGGTGGGTTTCAGTAA
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Clone variation with respect to NM_024727.2

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024727 unedited

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TTTGAATACGACTCACTATAGGGCGGCCGCAATTCGGCAGCAGGTTTTGATTGAACAC
AGGCTTGACAGAATCTTCTTTCTTCTTAGAAATCCTAGAAAACAGAAAGCAACAGGAAG
ATGTCTTATTGGGAACACCCCATCAACTTACCATGAGTCAAACAAGGAAGAAAACCTT
CCTCAGAAGGAGAACTAAGCCCCAGACTTCAACTGTCAACAAATTTCTCAGGGGCTCCA
ATGCTGAAAGCAGAAAAGAGGACAATGACCTTAAACAAGTGATTCCCAACCCAGCGACT
GGATACAGAAGACAGCCACCTCAGAGACTGCTAAGCCTCTCAGTTCAGAAATGGAATGGA
GATCCAGTATGGAGAAAAATGAGCATTTCTGCAGAAGCTGGGCAAAAAGGCTGTCAACA
AGTGTCTAGATTTGAATAACTGTGGATTAACAACAGCGGACATGAAAGAAATGGTTGCC
TGCTGCCCTTTTCTCCAGACTTGAAGAAGTGGATATCTCCTGGAATGGTTTTGTAGGTG
GAACCTCCTTTCCATCACTCAGCAAATGCATCTGGTCAGCAAGTTAAAAATCTTGAGGC
TGGGTAGCTGCAGACTCACCTGNACGATGTTCAAGCACTGGGAGAAGCATTTGAGATGA
TTCTTGAAGTAAATTTGTCTTGGACAGNTAAGTGGGAGGGAATTTGCTCT
GATCTTTTCAAGATTCCAAAAGGGAGCAAGATACAAATGATTGAGCTGGTGGGATTG
CTCCCTCACGTCAGAAGATGGACATTTNTCTGGNTCAACTGCTACCATGCCTGCAGNN
CCNCGAAGAGACATTGGATTCTTCCATTACAGAGACACATGGTTTGGCAGTCTGCA
CCAGTTTTGCTTCAGGGGATTAAGCACTCAATACTGAGAGGGCCCGGAGTCTTCT
GTGGGGGAATATCCAAAAG
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_024727 unedited <pre> GCACGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGATAAAACCTACATAGACTAC ATTAAGATACATATAGTAATAGTAATGATACATGAACTATTAGACAGCTAGTGCCTTTC ACATTAGAATTACACACACACACATACCCCTTTATATTTAGAACATTTAACTTGTAGG AAAAGAAGAGGCAAAACATTTCTGGGCAAGAGGAAAGCAGTTGCAGTACCAAAATCTAAA CACTTTTGGCAAGGCTTCTAAACAGCAAATGAACTAATTATATATCCAAAACAAATCCAT TGAAAAATGCCATTTTTGTTTCATAGACAGAGAATAATGGCATGCTCATATTAGATATTA TATATATATTTACATATATATGTGTATTATATATGTATATTATATATATGTGTATATATG TATATTACATATATATATGTAATATATATATATTTACAAAGCTCTGTATATAAGTCC CATTAAATGGCCAGAGTTGAAATTCAGTTCATGACTCTGGAATTCGTTTCATGTTCTTT TCCTTTGGAGAATGGTTTGTAGCTTACTAGGACATGGGAAATCAGTTTACTGAAACCCAC CATGGTCAAAGTGAATGCTTCTTTTTTATCTAGGACAAAGCATTCTAGTTCTTCCTCCT GTGAAGCTGGGAGAATCCATCTTTTCATTCCCTATCTCAGCGATCTGAGGAAGCTTGTC CAGCATATAACAAGTGTCTAAACATTGTCCACAATCTTAAAAATTTGATGGGCGAAGGCT ATATTCAGCTCGATTAGCTCTTTGAGGAACCGCACCGTTTGGCAGATCATGGTCCACCCC GCATCACAGAAGCTGGCATTGAAGCTCAGTTCACTTTTGAAGTTTGGCAGATGACCGCC TGTAGACCGATGCAGTAGAGCACATCCTCTGGACAGGGAACAGTGCTAGCTCAAACCTGA AAAATGGAAGCTTATGTTTCAACACCTAAGTT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_024727
Insert Size:	2340 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_024727.1</u> , <u>NP_079003.1</u>
RefSeq Size:	2400 bp
RefSeq ORF:	1473 bp
Locus ID:	79782
UniProt ID:	<u>Q6UY01</u>
Cytogenetics:	3q26.2
Domains:	LRR, LRR_RI, LRR_PS