

Product datasheet for **SC113932**

LRRC40 (NM_017768) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC40 (NM_017768) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRC40
Synonyms:	dj677H15.1
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_017768, the custom clone sequence may differ by one or more nucleotides

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ATGTCGCGCCTGAAGCGGATAGCGGGGCAGGATCTCCGCGCTGGTTTCAAAGCAGGTGGAAGAGACTGCG
GTACCTCGGTACCCCAAGGGCTGTTGAAGGCAGCGAGGAAGAGCGGCCAGTTAAACCTGTCGGGTAGAAA
CCTCAGTGAAGTGCCGCAGTGTGTCTGGAGAATAATGTGGATATCCCTGAGGAAGCTAATCAGAATCTT
TCGTTTGGTGCTACTGAAAGATGGTGGGAGCAGACAGATTTGACCAAATAATAATATCAAACAATAAAC
TTCAGTCACTTACAGATGACCTGCGACTCTTGCTGCACTGACTGTTCTTGATATACATGATAATCAGTT
GACATCCCTTCTCTGCTATAAGAGAGCTAGAAAATCTTCAGAACTTAATGTCAGCCATAATAAACTG
AAAATACTCCCTGAAGAAATTACAAACCTAAGAAACCTGAAGTGCCTGTATCTCCAGCATAATGAATTAA
CCTGCATATCAGAGGGATTTGAACAACCTTCAATTTAGAAGATTTAGATCTTTCAAACAATCATCTTAC
AACTGTTCTGCTAGTTTTTCTCTGTCAGTCTGGTGCAGTCAATCTTTCTAGTAATGAAGTGAAG
AGTTTGCCAGCAGAAATAAATAGAATGAAAAGTTGAAGCATTGGATTGAATTCAAATCTCTTGAAA
CTATACCTCCTGAATTGGCTGGCATGGAATCACTAGAATTGCTTTATTTGCGGAGGAATAAATTACGTTT
TCTACCAGAATTTCTTCTGTAGTCTATTGAAGGAATTGCACGTAGGTGAAACAGATTGAAATGTTA
GAGGCAGAACATCTTAAACATCTGAATTCATTTCTGTGCTAGACCTGAGGGATAACAAGTTAAATCTG
TTCCAGATGAAATTATACTACTACGGTCTTGGAAAGGCTTGACCTAAGCAACAATGATATTAGTAGTCT
TCCCTATTCATTGGGGAACCTTCATTTGAAATTTTGGCATTAGAAGGAAATCCTTTGAGAACAAATTCGA
AGAGAAATTATAAGTAAAGGAACACAAGAAGTCTAAATATCTACGAAGCAAGATCAAAGATGATGGAC
CTAGCCAAAGTGAGTCTGCTACTGAGACTGCCATGACACTACCAAGTGAATCCAGAGTCAATATACATGC
CATCATTACATTAATAATTAGACTATAGTGATAAACAAGCAACTTTGATTCTGATGAGGTGTTTGTG
GCAGTAAAAAGCAACATCGTCACTTCTATTAACCTCAGTAAGAATCAACTATGTGAAATTCAAAAAGGA
TGGTAGAACTGAAGGAAATGGTTTCTGATGTCGATCTCAGTTTTAATAAACTTTCTTTATATCCTTGGA
GTTATGTGTGCTTCAGAAATTGACTTTTTTAGATCTCAGGAACAATTTTTTAAATCTTTGCCAGAAGAA
ATGGAATCACTGGTAAGACTGCAACGATCAATCTTCTTTAATAGTTTAAATGCTACCTGAAGTTC
TATATCGTATCTTACACTTGAACAATTCTGATTAGTAATAATCAGGTTGGATCTGTGGACCCTCAGAA
AATGAAGATGATGAAAACTGACCACGTTGGACCTTCAAATAATGACCTCTTACAAATTCACCAGAG
CTCGGTAATTGTGTAACCTAAGAACATTACTACTGGATGGAAATCCATTCGAGTTCCTCGAGCAGCCA
TATTAATGAAAGGAACAGCTGCTATACTGAATATTTGAGAGACCGAATTCCTACTTAA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017768 unedited

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ATTTGTATACGACTCCTATAGGGCGGCCGCAATTCGCACGAGGCTTTGAACATGTCGCG
CCTGAAGCGGATAGCGGGGCAGGATCTCCGCGCTGGTTTCAAAGCAGGTGGAAGAGACTG
CGGTACCTCGGTACCCCAAGGGCTGTTGAAGGCAGCGAGGAAGAGCGGCCAGTTAAACCT
GTCGGGTAGAAACCTCAGTGAAGCCATAATAAACTGAAAATACTCCCTGAAGAAATTACA
AACCTAAGAAACCTGAAGTGCCTGTATCTCCAGCATAATGAATTAACCTGCATATCAGAG
GGATTTGAACAACCTTTCCAATTTAGAAGATTTAGATCTTTCAAACAATCATCTTACAAC
GTTCTGCTAGTTTTTCTCTGTCAGTCTGGTGCAGTCAATCTTTCTAGTAATGAA
CTGAAGAGTTTGCAGCAGAAATAAATAGAATGAAAAGTTGAAGCATTGGATTGTAAT
TCAAATCTCTTGAAACTATACCTCCTGAATTGGCTGGCATGGAATCACTAGAATTGCTT
TATTTGCGGAGGAATAAATTACGTTTTTCTACCAGAATTTCTTCTGTAGTCTATTGAAG
GAATTGCACGTAGGTGAAAACAGATTGAAATGTTAGAGGCAGAACATCTTAAACATCTG
AATTCAATTCTTGTGCTAGACCTGAGGGATAACAAGTTAAATCTGTTCCAGATGAAATT
ATTACTACTACNGTCCTTGGNAAAGCCTTGACCTAAGCAACATGATNTTTAGTAGTCTTC
CCTATTCAATTGGNNGACCCTTATTTNNGAAATTTGCATTAGAAGGAAAATCTTTGAGAC
AATTCGAGAGAAATAT

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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_017768 unedited <pre> GGCACGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTCATATTTGAAAAATGTAACCT TTATTCTGAACATGTAGTATTTATCTTTATTAGCAATTTTTTTCATAATATAAGCATGCC TCAATCATCCAAAAGCTATCTACCTATCTATATAAATTGATATACATGCTACTGAATTGA CTTCTTAATAGAATCATATGGTAAGTGTTATAATGACTAATCAACCTACTTCTGATAATT TTGGTGTAACAAAAATGATATTTAATTTTTATTAAATCAAGTTTACCTATCAAATTCCTC TTTTAAAAAACAAGTCTTACCAAGATTGCAAGTAAATTTTAAATTTATG GTGCTGTAATAAAAAAGGTTTTAAGTTGAAATGTGTACTGAGATTAGCCATATCACAAA GTCCTATCATGGTAATGAAAAGTCTTATTTTTAATATTTTTGTTTCCTTTTCTTTT GACATGTGGCCCAAGATAAGAAGTCTTATTTTTTAAATGCCAAAGAACAGTATTCAACA AAATTCGATTTAATTTTATCTAACAAAAACATAGAACTGGCTAGTCATATTCAAGTC AATTGGTCACATTGTATGGAATACAAAAATAATGAGAAAAAAACCAGTTCTACAAAAA TGCTTTGTTATTATAACTGAACCACATTAAATAANAATTCATTTTTGAAAAAAGTCT TGCTATAGAAAAAGTAGCAGGATAAATCATAAGCAAACATTTAGACAAATGTATGA ACACATTGTGGTTATCACCATTACAATTGTATACCACACCCTTACAAAATNNNCTAATAA AATGTAAAAATATTACTGGCAGTGAATATGGCCCCAGCTANTATACCACGNTTAGTGAT CTGGGGAACCTACAGATCATTACAATATCACCTTTTAGAGAACTANAACAATGTAACCTC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_017768
Insert Size:	2620 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_017768.3</u> , <u>NP_060238.3</u>
RefSeq Size:	2847 bp
RefSeq ORF:	1809 bp
Locus ID:	55631
UniProt ID:	<u>Q9H9A6</u>
Cytogenetics:	1p31.1
Domains:	LRR, LRR_TYP, LRR_BAC, LRR_PS

Protein Families: Druggable Genome