

Product datasheet for **SC318656**

LRRC37A2 (NM_001006607) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC37A2 (NM_001006607) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRC37A2
Synonyms:	LRRC37
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC318656 representing NM_001006607. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGCTTCTGCTCAGTGCCCGGCACTAGTGTGTGTATGTCCCGGCTGCGTTTCTGGGGCCCATGGCCC
 CTCCTTATGTGGCAACTATTGTGGCTACTAGTTAAGGAGGCTCAGCCTCTGGAGTGGGTCAAGGACCCG
 CTCCAGCTCACCTCTAATCCCCTGGGGCCGCTGACTCCTGGTCTTCCACTCCTCCATTTCACACGG
 GAATCTCCCCATGCGCTACTCTCCAGCAGACCCGTGGGACTTTGATCACCTGGGGCCCTCTGCTTCC
 TCAGAGATGCCAGCCCCACCCAGGAATCGACTGAAAATTTGGTTCCATTCTGGACACCTGGGATTCA
 GCTGGAGAGCAGCCCTGGAGCCAGAGCAGTTCTTGGCTTCACAGCAGGATTTAAAGACAAGCTGAGT
 CCACAGGAAAGACTCCCTGTTTCGCCCAAGAAGCTGAAGAAAGATCCAGCTCAGCGTTGGAGCCTTGCT
 GAGATTATTGGAATTACACGCCAATTATCCACACCTCAGAGTCAGAAACAGACTTTGCAGAATGAATAT
 TCCAGTACAGATACACCGTATCCCGGTAGCCTGCCTCCAGAACTCCGGGTGAAGTCAGATGAGCCTCCA
 GGGCCCTCTGAGCAAGTTGGACCTTCTCAATTCATCTAGAGCCCGAAACTCAAAATCCAGAGACCCCT
 GAAGACATCCAGTCCTCTTCACTCCAGCAAGAAGCCCGCAGCAGCTTCCACAGCTCCTTGAGGAAGAA
 CCTTCTCAATGCAGCAGGAGGCCCGAGCTCTGCCTCCAGAGTCCTCTATGGAGAGTCTAACTCTACCG
 AATCATGAGGTGTCAGTTCAACCTCCAGGTGAGGATCAAGCTTATTATCACTTGCCCAACATTACAGTT
 AAACCTGCAGATGTGGAGTTACCATAACTTCAGAGCCTACCAATGAGACAGAATCTTCCAAGCCGAG
 CAGGAGACCCCAATTGAGTTTCCAGAGGAGGTGGAACCTTCTGCAACCCAACAGGAGGCCCAATTGAG
 CCTCCAGTTCTCTATGGAGCATGAACTTTCCATCAGTGAGCAGCAGCAGCTTCAAGCTTCTGAG
 TCTCTAGGGAGGTGCAATCTTCTCCGACCCAGCAGGAGACCCAGGTGAGCCTCCAGAACATCATGAA
 GTCACAGTTTCACCTCCAGGTCAACATCAAACTCATCATTTAGCTTACCCAGTGTCTCTGTGAAGCCT
 CCAGACGTGCAGCTCACCATAGCAGCAGAGCCTAGTGAGAGGTGGGAATTTCTAGTCCACCAGGAG
 GCTACAACCTGGCTCTCAGGGTCAGGTAATGATGTAGAACCTCCCGCCATCCAGCAGGGGGCCACCT
 CTGCTTCCAGAGTCATCAGAAGAAGCTGGACCTTTAGCAGTTCAACAGGAGACTTCAATTCATCTCCG
 GAACCTATTAATAATGAGAACCCTCTCAACCCAGCAGGAGGCTGCAGCTGAGCATCCACAGACCGCT



[View online »](#)

GAGGAGGGTGAGTCTTCCCTAACCCATCAGGAGGCCCCAGCTCAGACTCCAGAGTTCCTAATGTAGTT
 GTAGCTCAACCTCCAGAGCATTACACCTGACTCAAGCCACAGTTCAACCTTTGGATCTGGGGTTTACC
 ATCACTCCAGAATCCAAGACAGAGGTTGAACCTTCTCCAACCATGAAGGAGACCCCAACTCAGCCTCCT
 AAGAAAGTTGTACCCCACTTCGAGTATATCAAGGGTAACAAATCCAACACCAGGTGAGGATCAAGCT
 CAGCATCCAGTGTACCCAGCGTTACAGTTCAACTTTGGACCTGGGACTTACCATCACTCCAGAACCT
 ACTACGGAGGTTGGACATTCTACACCCCGAAGAGGACTATAGTTTCTCCAAAGCATCCTGAGGTGACA
 CTTCCACATCCAGACCAGGTTGAGACTCAGCATTACACCTGACTCGAGCCACAGTTCAACCTTTGGAC
 CTGGGGTTTACCATCACTCCAAAATCCATGACAGAGGTTGAACCTTCTACAGCCCTGATGACTACAGCT
 CCTCTCCAGGACACCCTGAGGTGACACTTCCACCTTCAGACAAGGGTCAGGCTCAGCATTACACCTG
 ACTCAAGCCACCCTTCAACCTCTGGACCTGGAGCTTACCATAACTACAAAACCTACTACAGAGGTTAAA
 CCATCTCCAACCACGGAGGAGACCTCAACTCAGCCTCCAGACCTGGGACTTGCCATCATTCCAGAACCC
 ACTACAGAGACTAGACATTCTACAGCCCTGGAGAAGACTACAGCTCCTCGTCCAGACCGGGTTCAGACT
 CTGCATCGAAGCCTGACTGAAGTCACAGGTCCACCTACTGAACTAGAACCTGCTCAGGATTCAGTGTG
 CAGTCTGAAAGTTACACCCAAAAAAGGCTTTAACTGCACCAGAGGAACACAAGGCCTCCACAAGCACC
 AACATATGTGAGCTCTGTACCTGCGGAGATGAGATGTTGTCATGTATTGATCTCAACCCAGAGCAGAGG
 CTCGCGCAAGTGCTGTGCCAGAGCCCCAACCCACAATGGCACCTTCACCATCTTAAATTTCCAAGGA
 AACTATATTTCTTACATTGATGGAATGTATGGAAGCATACAGTTGGACCGAGAACTAATTCTCAGA
 GAAATAAAGTGAATTACACAAGGATTCAATTTGAAGGCCTGCTATCCCTCCAGTATTTAGATTTA
 TCCTGCAATAAAATACAGTCTATTGAAAGACATACATTTGAACCACTACCATTTTGAAGTTTATAAAT
 CTTAGTTGCAATGAATTACAGAACTCAGCTTTGGAACATTTAGGCCTGGCACGGAATGCAGTTTTTA
 CATAAGTTAATTTCTAATCACAATCCTCTGACAACCTGTTGAAGATCCGTATCTCTTAAATTGCCAGCA
 TTAATAATCTAGACATGGGAACAACGCTAGTCCCACTTACAACACTTAAGAACATTCTCATGATGACT
 GTTGAAGTGGAAAACTGATCTTACCTAGCCATATGGCCTGCTGCCTCTGCCAATTTAAAAACAGCATT
 GAGGCTGTCTGCAAGACAGTCAAGCTGCATTGCAACAGTGCATGTCTGACAAACACACACATTTGTCTCT
 GAAGAAGCATCGGTAGGGAATCCAGAAGGAGCGTTTATGAAGGTGTTACAAGCCCGAAGAACTACACA
 AGCACTGAGCTGATTGTTGAGCCAGAGGAGCCCTCAGACAGCAGTGGCATCAACTTGTGAGGCTTTGGG
 AGTGAGCAGCTAGACACCAATGACGAGAGTGATTTTATCAGTACACTAAGTTACATCTTGCTTATTTT
 TCAGCGGTAAACCTAGATGTGAAATCACTGTTACTACCGTTCATTAAGTCCCAACCACAGGAAACAGC
 CTGGCAAAGATTCAAAGTGTAGGCCAAAACCGGCAGAGAGTGAAGAGAGTCTCATGGGCCCAAGGAGC
 ATCCAGAAAAGGCACTTCAAAGAGGTAGGAAGGCAGAGCATCAGGAGGGAACAGGGTGCCAGGCATCT
 GTGGAGAACGCTGCCGAAGAAAAAGGCTCGGGAGTCCAGCCCCAAGGGAGGTGGAACAGCCCCACACA
 CAGCAGGGGCTGAGAAGTTAGCGGGAAACGCCGTCTACACCAAGCCTTCTTACCCCAAGAGCATAAG
 GCAGCAGTCTCTGTGCTGAAACCCTTCTCCAAGGGCGCGCCTTCTACCTCCAGCCCTGCAAAAGCCCTA
 CCACAGGTGAGAGACAGATGGAAGACTTAACCCACGCTATTTCCATTTTAGAAAGTGCAAAAGGCTAGA
 GTTACAAATACGAAGACGTCTAAACCAATCGTACATGCCAGAAAAAATACCGCTTTACAAAACTCGC
 TCCCACGTGACCCACAGAACACCCAAAGTCAAAAAGAGTCCAAAGGTGAGAAAGAAAGTTATCTGAGT
 AGACTGATGCTCGAAACAGGCTTCCATTCTCTGCAGCGAAGAGCCTCATAAATCCCCTTACAAAGGG
 GCTTTTTCATCTTAGGAGACCTGAGTCTCAAGAAAACCCTTTTCTGGAAGTATCTGCTCCTTCAGAA
 CATTTTATAGAAAACAATAATACAAAACACAACTGCAAGAAATGCCTTTGAAGAAAATGATTTTATG
 GAAAACACTAATGCCAGAAGGAACCATCTCTGAAAACACAACTACAATCATCTCATGAGGCAGAT
 TCCGCTGGGACTGCATTCAACTAGGGCAACTGTTAAACAACTGAGACAAAATGGGAATACAACAAC
 GTGGGCACTGACCTGTCCCCGAGCCAAAAGCTTCAATTACCCATTGCTCTCGTCCCCAGGTGATCAG
 TTTGAAATTCAGTAACCCAGCAGCTACAGTCCCTTATCCCCAACAAATGTGAGAAGGCTCATTGCT
 CATGTTATCCGGACCTTGAAGATGGACTGCTCTGGGGCCCATGTGCAAGTGACCTGTGCCAAGCTCATC
 TCCAGGACAGGCCACCTGATGAAGCTTCTCAGTGGGCAGCAGGAAGTAAAGGCATCCAAGATAGAATGG
 GATACGGACCAATGGAAGATTGAGAACTACATTAATGAGAGCACAGAAGCCAGAGTGAACAGAAAGAG
 AAGTCGTTGAGCTCAAAAAGAAAGTTCAGGATATGGCTATACTGACAACTCATCTTGGCATTAAAT
 GTTACTGGAATACTAACGATTTTGATTATACTTTCTGCCTCATTGTGATATGTTGTACCGAAGGTCA
 TTACAAGAAGATGAAGAAGGATTCTCAAGGGGCATTTTTCAGATTTCTGCCATGGAGGGGATGCTCTTCG
 CGAAGGGAGAGTCAGGATGGACTTTCCTCATTTGGACAGCCGCTCTGGTTTAAAGATATGTACAAACCT
 CTCAGTGCCACAAGAATAAATAATCATGCATGGAAGCTGCACAAGAAGTCATCTAATGAGGACAAGATC
 CTCACAGGGACCCTGGGGACAGCGAAGCCCCAACGGAGGAGGAGAGTGAAGCCCTGCCA**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001006607
Insert Size:	5103 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).
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:	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_001006607.2</u>
RefSeq Size:	5175 bp
RefSeq ORF:	5103 bp
Locus ID:	474170
UniProt ID:	<u>A6NM11</u>
Cytogenetics:	17q21.31
Protein Families:	Transmembrane
MW:	188.4 kDa