

## Product datasheet for SC125622

### LRRC37A (NM\_014834) Human Untagged Clone

#### Product data:

|                           |                                          |
|---------------------------|------------------------------------------|
| Product Type:             | Expression Plasmids                      |
| Product Name:             | LRRC37A (NM_014834) Human Untagged Clone |
| Tag:                      | Tag Free                                 |
| Symbol:                   | LRRC37A                                  |
| Synonyms:                 | LRRC37                                   |
| Mammalian Cell Selection: | None                                     |
| Vector:                   | <u>pCMV6-XL5</u>                         |
| E. coli Selection:        | Ampicillin (100 ug/mL)                   |
| Fully Sequenced ORF:      | >OriGene sequence for NM_014834 edited   |

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AGAATGTCTTCTGCTCAGTGCCCGGCACTAGTGTGTGCATGTCCCGGCTGCGTTTCTGG
GGCCCATGGCCCTCCTTATGTGGCAACTATTGTGGCTACTAGTTAAGGAGGCTCAGCCT
CTGGAGTGGGTCAAGGACCCGCTCCAGCTCACCTCTAATCCCCTGGGGCCGCTGACTCC
TGGTCTTCCCACTCCTCCATTTCACGGAATCTCCCATGCGCTACTCTCCAGCA
GACCCGTGGGACTTTGATCACCTGGGGCCTCTGCTTCTCAGAGATGCCAGCCCCACCC
CAGGAATCGACTGAAAATTTGGTTCCATTCTGGACACCTGGGATTGAGTGGAGAGCAG
CCCCTGGAGCCAGAGCAGTTCTTGGCTTACAGCAGGATTTAAAGGACAAGCTGAGTCCA
CAGGAAAGACTCCCTGTTTCGCCCAAGAAGCTGAAGAAAGATCCAGCTCAGCGTTGGAGC
CTTGCTGAGATTATTGGAATTACACGCCAATTATCCACACCTCAGAGTCAGAAACAGACT
TTGCAGAAATGAATATTCCAGTACAGATACACCGTATCCCGGTAGCCTGCCTCCAGAACTC
CGGGTGAAGTCAGATGAGCCTCCAGGGCCCTCTGAGCAAGTTGGACCTTCTCAATTCCAT
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CAAGAAGCCCCAGCACAGCTTCCACAGCTCCTTGAGGAAGAACCTTCTTCAATGCAGCAG
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GTGTCAGTTCAACCTCCAGGTGAGGATCAAGCTTATTACACTTGCCCAACATTACAGTT
AAACCTGCAGATGTGGAGTTACCATAACTTCAGAGCCTACCAATGAGACAGAATCTTCC
CAAGCCCAGCAGGAGACCCCAATTCAGTTTCCAGAGGAGGTGGAACCTTCTGCAACCCAA
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CCTCTGCTTCCAGAGTCATCAGAAGAAGCTGGACCTTTAGCAGTTCAACAGGAGACTTCA
TTTCAATCTCCGGAACCTATTAATAATGAGAACCCTCTCCAACCCAGCAGGAGGCTGCA
GCTGAGCATCCACAGACCGCTGAGGAGGTGAGTCTTCCCTAACCCTATCAGGAGGCCCA
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GCTCAGACTCCAGAGTTCCTAATGTAGTTGTAGCTCAACCTCCAGAGCATTACACCTG  
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 CCCCACCTTCGAGTATATCAAGGGGTAACAAATCCAACACCAGGTGAGGATCAAGCTCAG  
 CATCCAGTGTACCCAGCGTTACAGTTCAACTTTTGGACCTGGGACTTACCATCACTCCA  
 GAACCCACTACGGAGGTTGGACATTCTACAGCCCCGAAGAGGACTATAGTTTCTCCAAAG  
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 AACCAGGAGAGAGTGAAGAGAGTCTCATGGGCCCAAGGAGCATCCAGAAAAGGCACTTC  
 AAAGAGGTAGGAAGGCAGAGCATCAGGAGGGAACAGGGTGCCCAAGGCATCTGTGGAGAAC  
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 TCATCCTTAGGAGACCTGAGTCTCAAGAAAACCTTTTCTGGAAGTATCTGCTCTTTCA  
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 AATGATTTTATGGAACACTAACATGCCAGAAGGAACCATCTCTGAAAACACAACTAC  
 AATCATCCTCCTGAGGCAGATTCGCTGGGACTGCATTCAACTTAGGGCCAACTGTTAAA  
 CAACTGAGACAAAATGGGAATACAACAACGTGGGCACTGACCTGTCCCCGAGCCCAAA  
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 ACCTTGAAGATGGACTGCTCTGGGGCCCATGTGCAAGTGACCTGTGCCAAGCTCATCTCC  
 AGGACAGGCCACCTGATGAAGCTTCTCAGTGGGCAGCAGGAAGTAAAGGCATCCAAGATA  
 GAATGGGATACGGACCAATGGAAGATTGAGAACTACATTAATGAGAGCACAGAAGCCAG

AGTGAACAGAAAGAGAAGTCGCTTGAGCTCAAAAAAGAAGTTCCAGGATATGGCTATACT  
GACAAACTCATCTTGGCATTAAATTGTTACTGGAATACTAACGATTTTGATTATACTTTTC  
TGCCTCATTGTGATATGTTGTACCCGAAGGTCATTACAAGAAGATGAAGAAGGATTCTCA  
AGGGGCATTTTCAGATTTCTGCCATGGAGGGGATGCTCTTCGCGAAGGGAGAGTCAGGAT  
GGACTTTCTCATTGGACAGCCGCTCTGGTTTAAAGATCTGTACAACTCTCAGTGCC  
ACAAGAATAAATAATCATGCATGGAAGTGCACAAGAAGTCATCTAATGAGGACAAGATC  
CTCAACAGGGACCCTGGGGACAGCGAAGCCCCAACGGAGGGGGAGGAGAGTGAAGCCCTG  
CCATAGGAGGAGAACACAGCCACCTCAGGCCTCCTGCAAAAATACATAGAATAAACAC  
AACAGTTACTAAACGAAAAAAAAAAAAA

**5' Read Nucleotide  
Sequence:**

>OriGene 5' read for NM\_014834 unedited  
GTTTCGATTTGTATACGACTCACTATAGCGCGCCGATAACTTCGTATAGCATACATTAT  
ACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTCGAGAGCGGAGAATGTC  
TTCTGCTCAGTGCCCGGCACTAGTGTGTGTATGTCCCGCTGCGTTTCTGGGGCCCATG  
GCCCCCTCTTATGTGGCACTATTGTGGCTACTAGTTAAGGAGGCTCAGCCTCTGGAGTG  
GGTCAAGGACCCGCTCCAGCTCACCTCTAATCCCCTGGGGCCGCTGACTCCTGGTCTTC  
CCACTCTCCCATTTCCACGGAATCTCCCATGCGCCTACTCTCCAGCAGACCCGCTG  
GGACTTTGATCACCTGGGGCCCTCTGCTTCTCAGAGATGCCAGCCCCACCCAGGAATC  
GACTGAAATTTGGTTCATTCTGGACACCTGGGATTGAGTGGAGAGCAGCCCTGGA  
GCCAGAGCAGTTCTTGGTTTACAGCAGGATTTAAAGGACAAGCTGAGTCCACAGGAAAG  
ACTCCCTGTTTCCCAAGAAGCTGAAGAAAGATCCAGCTCAGCGTTGGAGCCTTGCTGA  
GATTATTGGAATTACACGCAATTATCCACACCTCAGAGTCAGAAACAGACTTTGCAGAA  
TGAATATTCCAGTACAGATACACCGTATCCCGGTAGCCTGCCTCCAGAACTCCGGGTGAA  
GTCAGATGAGCCTCCNAGGCCCTCTGAGCAAGTGGGACCTTCTATTCCATCTAGAGCCC  
GAAACTCANAATCCAGAGACCCTTGGAAGTCCAGTCCTCTTCACTCCAGCAAGAAACC  
CCAGCACAGCTTCCAAAGACTCCTTGAGGAAGAACCTTCTCAATGGCACAAGAAGCCCCA  
GCTCTGGCTCCAAC

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_014834

**Insert Size:**

5200 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:**

NM\_014834.2, NP\_055649.2

**RefSeq Size:**

5190 bp

RefSeq ORF: 4821 bp  
Locus ID: 9884  
  
UniProt ID: [A6NMS7](#)  
Cytogenetics: 17q21.31  
Protein Families: Transmembrane