

Product datasheet for **SC332891**

LRRC8E (NM_001268284) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC8E (NM_001268284) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRC8E
Vector:	pCMV6-Entry (PS100001)



[View online »](#)

Fully Sequenced ORF: >SC332891 representing NM_001268284.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGATCCCAGTGGCCGAGTTCAAGCAGTTCACGGAACAGCAGCCTGCGTTCAAGGTGCTCAAACCTGG
 TGGGACGTGCTGGCCGAGTACCTCACCCTGGCCATGCTCATGATTGGGGTCTTTGGCTGCACCCTCCAG
 GTGACACAGGACAAGATCATCTGTCTACCAATCATGAGCTCCAGGAGAACTTATCAGAGGCCCCGTGC
 CAGCAATTGCTGCCTCGGGGATCCCTGAGCAGATTGGGGCCCTGCAGGAGGTTAAAGGCCTTAAGAAC
 AATTTGGACCTGCAGCAATACAGCTTTATTAACCAGCTGTGTTATGAGACGGCCCTGCACTGGTATGCC
 AAGTACTTCCCTTACCTCGTGGTCATTACACACTCATCTTCATGGTCTGCACCAGTTTCTGGTTCAAG
 TTCCCTGGCACCAGCTCCAAGATTGAACACTTCATCTCCATCCTGGGCAAGTGTTTCGACTCTCCATGG
 ACCACCAGGGCCCTATCCGAGGTATCCGGGAGAACAGAAAGGGCCAGCAGCCACCGAAGGGCTGCG
 GCCACCATAGTGGCCATGGCAGGACCGGGCCGGGAAGGCAGGGGAGGGTGAGAAGGAGAAAGTGTG
 GCGGAACCGGAGAAGGTGGTGACCGAGCCTCCAGTTGTCACCCTGTTGGACAAGAAGGAGGGTGAGCAA
 GCCAAAGCCCTGTTTGAGAAGGTGAAGAAGTCCGCATGCACGTGGAAGAGGGCGACATCCTGTACACC
 ATGTACATCCGACAGACGGTGTGAAAGTGTGTAAGTTCTGGCCATCCTGGTCTACAACCTGGTCTAT
 GTGGAGAAGATCAGTTTCTGTTGGCCTGTAGGGTGGAGACGTACAGAGGTACGGGCTACGCCAGCTTC
 TGCTGCAACCACCAAGGCCACCTCTTCTCCAAGCTGGCCTTCTGTTACATCTCCTTTGTGTGCATC
 TACGGACTTACCTGCATCTACACGCTCTACTGGCTCTTCCACCGGCCCTCAAGGAGTACTCCTTCCGT
 TCCGTGCGGGAGGAGACTGGCATGGGGGACATTCTGACGTCAAGAATGACTTCGCCTTCATGCTGCAC
 CTCATCGATCAGTACGACTCCCTCTACTCCAAGCGCTTCGCCGTCTTCTGTCCGAGGTGAGCGAAAGC
 CGTCTAAAGCAGCTCAATCTCAACCAGAGTGGACGCCGAGAGCTTCGACAGAAGCTGCAGCGCAAT
 GCCGCGGGCCGGCTGGAGCTGGCCCTCTGCATGCTGCCGGTCTGCCGACACCGTCTTTGAGCTCAGT
 GAGGTGGAGTCACTCAGGCTGGAGGCCATCTGCGATATCACCTTCCCCCGGGGCTGTACAGCTGGTG
 CACTTGCAGGAGCTCAGCTTGCTCCACTCGCCCGCAGGCTACCTTCTCCTTGCAAGTCTTCTGCGG
 GACCACCTGAAGGTGATGCGCGTCAAATGCGAGGAGCTCCGCGAGGTGCCGCTTTGGGTGTTGGGCTG
 CGGGGCTTGAGGAGCTGCACCTGGAGGGGCTTTTCCCCAGGAGCTAGCTCGGGCAGCCACCCTGGAG
 AGCCTCCGGGAGCTGAAGCAGCTCAAGGTGTTGTCCCTCCGGAGCAACGCCGGAAGGTGCCAGCCAGT
 GTGACCAGCTTGCTGGCCACCTGCAGAGGCTCAGCCTGCACAACGATGGGGCCCGTCTGGTTGCCCTG
 AACAGCCTCAAGAAGCTGGCGGATTGCGGGAGCTGGAGCTGGTGGCTGCGGGCTGGAGCGCATCCCC
 CATGCAGTGTTGAGCCTGGGTGCGCTGCAGGAAGTACCTCAAGGACAACACCTGCGCTCCATCGAG
 GAAATCCTCAGCTTCAGCACTGCCGAAGCTGGTACGCTCAGGCTGTGGCACAACAGATCGCCTAC
 GTCCCTGAGCACGTGCGGAAGCTCAGGAGCCTGGAGCAGCTCTACCTCAGCTACAACAAGCTGGAGACC
 CTGCCCTCCCAGCTCGGCCTGTGCTCAGGCCTCCGTCTGCTGGATGTGTCCACAAATGGGTACACTCC
 CTGCCACCCGAGGTGGGCTCTGCAGAACCTACAGCACCTGGCCCTCTCCTACAATGCCCTGGAGGCC
 CTGCCCCAAGAGCTCTTCTTCTGCCGAAGCTGCGGACGTTGCTTCTGGGCGACAACAGCTGAGCCAG
 CTCTCGCCCCACGTGGGTGCCCTCAGAGCCCTCAGCCGCTGGAGCTCAAAGGCAACCGCTTAGAGGCG
 CTGCCAGAAGAACTTGCAACTGTGGGGGGCTCAAGAAGGCGGGGCTCCTGGTGAAGACACGCTTTAC
 CAGGCTCTGCCGCGAGAAGTGCGGGACAAGATGGAGGAGGAATGA

Restriction Sites: SgfI-MluI

ACCN: NM_001268284

Insert Size: 2391 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_001268284.1](#)

RefSeq Size: 3766 bp

RefSeq ORF: 2391 bp

Locus ID: 80131

UniProt ID: [Q6NSJ5](#)

Cytogenetics: 19p13.2

Protein Families: Transmembrane

MW: 90.2 kDa

Gene Summary: This gene encodes a member of a small, conserved family of proteins with similar structure, including a string of extracellular leucine-rich repeats. A related protein was shown to be involved in B-cell development. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jun 2012]
 Transcript Variant: This variant (2) contains an additional exon in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same protein (isoform 1).