

Product datasheet for **SC332892**

LRRC8E (NM_001268285) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC8E (NM_001268285) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRC8E
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC332892 representing NM_001268285. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGTCTGCACCAGTTTCTGGTTCAAGTTCCTGGCACCAGCTCCAAGATTGAACACTTCATCTCCATC
CTGGGCAAGTGTTCGACTCTCCATGGACCACCAGGGCCCTATCCGAGGTATCCGGGAGAACAGAGAAG
GGCCAGCAGCCACCGAACGGGTGCGGCCACCATAGTGCCATGGCAGGACCGGGCCGGGGAAGGCA
GGGAGGGTGAGAAGGAGAAAGTCTGGCGAACCAGGAGAAGTGGTGACCGAGCCTCCAGTTGTACCC
CTGTTGGACAAGAAGGAGGGTGAGCAAGCCAAAGCCCTGTTTGAGAAGGTGAAGAAGTTCGCATGCAC
GTGGAAGAGGGCGACATCCTGTACACCATGTACATCCGACAGACGGTGCTGAAAGTGTGTAAGTTCCTG
GCCATCCTGGTCTACAACCTGGTCTATGTGGAGAAGATCAGTTTCTGGTGGCCTGTAGGGTGGAGACG
TCAGAGGTACGGGCTACGCCAGCTTCTGCTGCAACCACCAAGGCCACCTCTTCTCCAAGCTGGCC
TTCTGTTACATCTCCTTTGTGTGCATCTACGGAATTACCTGCATCTACACGCTCTACTGGCTCTTCCAC
CGGCCCCCTCAAGGAGTACTCCTTCCGTTCCGTGCGGGAGGAGACTGGCATGGGGGACATTCTGACGTC
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TACCTCAGCTACAACAAGCTGGAGACCCTGCCCTCCCAGCTCGGCCTGTGCTCAGGCCTCCGTCTGCTG
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GCCCTCTCTACAATGCCCTGGAGGCCCTGCCGAAGAGCTCTTCTTCTGCCGAAGCTGCGGACGTTG
CTTCTGGGCGACAACAGCTGAGCCAGCTCTGCCCCACGTGGGTGCCCTCAGAGCCCTCAGCCGCTG
GAGCTCAAAGGCAACCGCTTAGAGGCGCTGCCAGAAGAACTTGGCAACTGTGGGGGGCTCAAGAAGCG
GGGCTCCTGGTGAAGACACGCTTACCAGGTCTGCCGCGAGAAGTGGGGACAAGATGGAGGAGGAA
TGA

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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001268285
Insert Size:	2004 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_001268285.1</u>
RefSeq Size:	3480 bp
RefSeq ORF:	2004 bp
Locus ID:	80131
UniProt ID:	<u>Q6NSJ5</u>
Cytogenetics:	19p13.2
Protein Families:	Transmembrane
MW:	75.3 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 (3) lacks an exon in the 5' coding region, and uses a downstream in-frame start codon, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.