

Product datasheet for **SC333437**

LCE1C (NM_001276331) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LCE1C (NM_001276331) Human Untagged Clone
Tag:	Tag Free
Symbol:	LCE1C
Synonyms:	LEP3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333437 representing NM_001276331. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGTCCTGCCAGCAGAGCCAGCAGCAGTGCCAGCCCCCTCCAATGTCAGCTCCGGAGGCTGCTGTGGC
 TCCAGCTCTGGGGCAGCTGTGGCTCCAGCTCTGGGGATGCTGCAGTTCTGGGGAGGTGGCTGCTGC
 CTGAGCCACCACAGGCGCCGTAGGTCCCACTGCCACAGACCCAGAGCTCTGGTCTGCAGCCAGCCC
 TCGGGGGCTCCAGCTGCTGTGGCGGGGGAGTGGCCAGCACTCTGGAGGCTGCTGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001276331
Insert Size:	267 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).


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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_001276331.1](#)

RefSeq Size: 605 bp

RefSeq ORF: 267 bp

Locus ID: 353133

Cytogenetics: 1q21.3

MW: 8.4 kDa

Gene Summary: Precursors of the cornified envelope of the stratum corneum.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks an in-frame segment compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.
Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.