

## Product datasheet for **SC318949**

### EPLIN (LIMA1) (NM\_001113547) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	EPLIN (LIMA1) (NM_001113547) Human Untagged Clone
Tag:	Tag Free
Symbol:	LIMA1
Synonyms:	EPLIN; LDLCQ8; SREBP3
Vector:	<u>pCMV6 series</u>



[View online »](#)

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001113547, the custom clone sequence may differ by one or more nucleotides

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ATGGAATTTGTCTAGGAGAATCCAGGCATGAAGTAGAAAAATCAGAAATCAGTGAAGAAC
ACAGATGCTTCGGGCAAAATAGAGAAATATAATGTTCCGCTGAACAGGCTTAAGATGATG
TTTGAGAAAGGTGAACCAACTCAAATAAGATTCTCCGGGCCAAAGCCGAAGTGAAGT
GGAAGGAAGATCTCTGAAAACAGCTATTCTCTAGATGACCTGGAATAGGCCAGGTGAG
TTGTCATCTTCTACATTTGACTCGGAGAAAAATGAGAGTAGACGAAATCTGGAACCTTCCA
CGCTCTCAGAAACCTCTATAAAGGATCGAATGGCCAAGTACCAGGCAGCTGTGTCCAAA
CAAAGCAGCTCAACCAACTATACAAATGAGCTGAAAGCCAGTGGTGGCGAAATCAAAATT
CATAAAATGGAGCAAAAGGAGAATGTGCCCCAGGTCCTGAGGTCTGCATCACCCATCAG
GAAGGGGAAAAGATTTCTGCAAATGAGAATAGCCTGGCAGTCCGTTCCACCCCTGCCGAA
GATGACTCCCCAGGTGACTCCCAGGTTAAGAGTGAGGTTCAACAGCCTGTCCATCCCAAG
CCACTAAGTCCAGATCCAGAGCCTCCAGTCTTTCTGAAAGTTCTCTCCCAAAGCAATG
AAGAAGTTTCAGGCACCTGCAAGAGAGACCTGCGTGAATGTGAGAAGACAGTCTATCCA
ATGGAGCGTCTCTTGCCCAACCAGCAGGTTTTACATCAGCTGCTTCCGTTGCTCTAT
TGCAACAACAAACTCAGTCTAGGAACATATGCATCTTTACATGGAAGAATCTATTGTAAG
CCTCACTTCAATCAACTCTTTAAATCTAAGGGCAACTATGATGAAGGCTTTGGGCACAGA
CCACACAAGGATCTATGGGCAAGCAAAATGAAAACGAAGAGATTTTGGAGAGACCAGCC
CAGCTTGCAAAATGCAAGGGAGACCCCTCACAGCCAGGGGTAGAAGATGCCCTATTGCT
AAGGTGGGTGCTCTGGTGAAGTATGGAAGCCAAGGCCCTCTCTCAGCAGGAGAAGGAA
GACAAGCCAGCTGAAACCAAGAAGCTGAGGATCGCCTGGCCACCCCTGAACTGAACTTGA
AGTTGAGGAAGTGCCTTTGGAGGAAGGATCAAAATGTCAAAGCCCAATGGCCTCCTGAA
GACGAAATCAGCAAGCCCGAAGTTCTGAGGATGTCGATCTAGATCTGAAGAAGCTAAGA
CGATCTTCTTCACTGAAGGAAAGAACGCCCCATTCACTGTAGCAGCTTCAATTTCAAAGC
ACCTCTGTCAAGAGCCCAAAACTGTGTCCCACTATCAGGAAAGGCTGGAGCATGTCA
GAGCAGAGTGAAGAGTCTGTGGGTGGAAGAGTTGCAGAAAGGAAACAAGTGGAAAATGCC
AAGGCTTCTAAGAAGAATGGGAATGTGGGAAAAACAACCTGGCAAAACAAGAATCTAAA
GGAGAGACAGGGAAGAGAAGTAAGGAAGGTCATAGTTTGGAGATGGAGAATGAGAATCTT
GTAGAAAATGGTGCAGACTCCGATGAAGATGATAACAGCTTCTCAAACAACAATCTCCA
CAAGAACCAAGTCTCTGAATTGGTCGAGTTTTGTAGACAACACCTTTGCTGAAGATTC
ACTACTCAGAATCAGAAATCCCAGGATGTGGAACCTCTGGGAGGGAGAAGTGGTCAAGAG
CTCTCTGTGGAAGAACAGATAAAGAGAAATCGGTATTATGATGAGGATGAGGATGAAGAG

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- Restriction Sites:** Please inquire
- ACCN:** NM\_001113547
- 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:** [NM\\_001113547.1](#), [NP\\_001107019.1](#)

**RefSeq Size:** 3629 bp

**RefSeq ORF:** 1803 bp

**Locus ID:** 51474

**UniProt ID:** [Q9UHB6](#)

**Cytogenetics:** 12q13.12

**Gene Summary:** This gene encodes a cytoskeleton-associated protein that inhibits actin filament depolymerization and cross-links filaments in bundles. It is downregulated in some cancer cell lines. Alternatively spliced transcript variants encoding different isoforms have been described for this gene, and expression of some of the variants maybe independently regulated. [provided by RefSeq, Aug 2011]  
Transcript Variant: This variant (3) differs at the 5' end compared to variant 1. This results in translation initiation from an in-frame downstream AUG, and an isoform (3, also known as EPLIN-alpha) with a shorter N-terminus compared to isoform 1.