

Product datasheet for **SC330181**

EPLIN (LIMA1) (NM_001243775) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: EPLIN (LIMA1) (NM_001243775) Human Untagged Clone
Tag: Tag Free
Symbol: LIMA1
Synonyms: EPLIN; LDLCQ8; SREBP3
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330181 representing NM_001243775.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

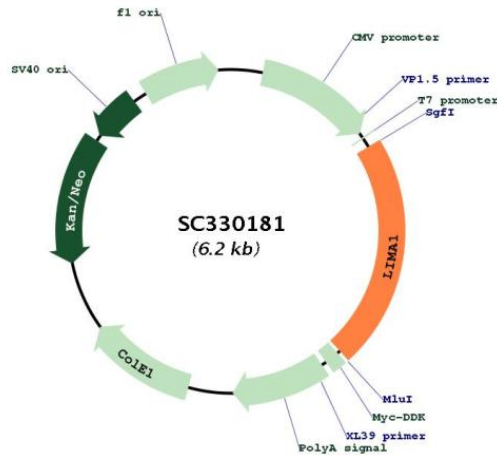
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001243775

Insert Size: 1374 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_001243775.1](#)

RefSeq Size: 3356 bp

RefSeq ORF: 1374 bp

Locus ID: 51474

UniProt ID: [Q9UHB6](#)

Cytogenetics: 12q13.12

MW: 51.2 kDa

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 (4) differs at the 5' end, and uses an alternate in-frame acceptor splice site at an internal coding exon compared to variant 1. This results in translation initiation from an in-frame downstream AUG, and an isoform (4) with a shorter N-terminus and lacking an internal aa compared to isoform 1.