

Product datasheet for **SC336213**

LIPI (NM_001303000) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | LIPI (NM_001303000) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | LIPI |
| Synonyms: | CT17; LPDL; mPA-PLA1 beta; PLA1C; PRED5 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >SC336213 representing NM_001303000. Blue=Insert sequence Red=Cloning site Green=Tag(s) |

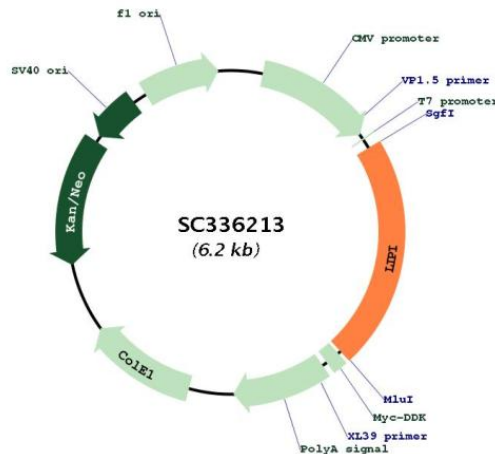
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001303000

Insert Size: 1365 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_001303000.1](#)

RefSeq Size: 1591 bp

RefSeq ORF: 1365 bp

Locus ID: 149998

UniProt ID: [Q6XZB0](#)

Cytogenetics: 21q11.2

Protein Families: Secreted Protein

MW: 52.2 kDa

Gene Summary: The protein encoded by this gene is a phospholipase that hydrolyzes phosphatidic acid to produce lysophosphatidic acid. Defects in this gene are a cause of susceptibility to familial hypertriglyceridemia. This gene is also expressed at high levels in Ewing family tumor cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014]
Transcript Variant: This variant (deltaE7.2) uses an alternate in-frame splice site, compared to variant fl. The encoded isoform (3) is shorter than isoform 1.