

Product datasheet for **SC202051**

Liprin alpha 1 (PPFIA1) (NM_177423) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Liprin alpha 1 (PPFIA1) (NM_177423) Human 3' UTR Clone
Symbol: Liprin alpha 1
Synonyms: LIP.1; LIP1; LIPRIN
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_177423
Insert Size: 298 bp
Insert Sequence: >SC202051 3'UTR clone of NM_177423
The sequence shown below is from the reference sequence of NM_177423. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
CCAAAGAAGATGCAGATGGACGGTATGTGATGGGTCACACTAACCTGTCACCTTGTTGGGAGCATGAGCA  
GCTTTCTGTCTGGAACATTAATAATGATCTAAAACGGCCTATTTAATATGTTACAAGGCACTTGAGTAT  
GGTTGCATGTCCAAATATAAATGTTTTAAATTAACCTAACATTTGTTATAAAAGTTTAAACCATAAT  
AATAGAATTTTTAAAACACGCTTGTCTGGTTGAATCTTAGCATATTTTTCCAACATAAAAGCTCAGTA  
TTCGTCTGTGTTCTCAGAGAGA  
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-Mlul
OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq: [NM_177423.3](#)



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Summary:

The protein encoded by this gene is a member of the LAR protein-tyrosine phosphatase-interacting protein (liprin) family. Liprins interact with members of LAR family of transmembrane protein tyrosine phosphatases, which are known to be important for axon guidance and mammary gland development. This protein binds to the intracellular membrane-distal phosphatase domain of tyrosine phosphatase LAR, and appears to localize LAR to cell focal adhesions. This interaction may regulate the disassembly of focal adhesion and thus help orchestrate cell-matrix interactions. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008]

Locus ID:

8500

MW:

11.4