

## Product datasheet for **SC217057**

### LITAF (NM\_001136472) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	LITAF (NM_001136472) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LITAF
Synonyms:	PIG7; SIMPLE; TP53I7
ACCN:	NM_001136472
Insert Size:	1907 bp



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**Insert Sequence:** >SC217057 3' UTR clone of NM\_001136472  
 The sequence shown below is from the reference sequence of NM\_001136472. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site  
**Blue**=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

GGCACCTACAAGCGTTT**GTAG**ACTCAGCCAGACGTGGAGGGAGCCGGTGCCGCAGGAAGTCCTTTCCA  
 CCTCTCATCCAGCTTACGCCTGGTGGAGGTTCTGCCCTGGTGGTCTCACCTCTCCAGGGGGCCACCTT  
 CATGTCTTCTTTGGGGGAATACGTCGCAAACTAACAATCTCAAACCCAGAAATTGCTGCTTGA  
 GTCGTGCATAGGACTTGCAAAGACATCCCTTGAGTGTCACTCCACGGTTTCTGCCTCCCTGAGACC  
 CTGAGTCTGCCATCTAACTGTGATCATTGCCCTATCCGAATATCTTCTGTGATCTGCCATCAGTGGCT  
 CTTTTTCTGCTTCCATGGCCTTTCTGGTGGCAGTCTCAAAGTGAAGCCACAGTTGCCTATTTTT  
 GAGGCTGTTCTGCCAGAGCTCGGCTGAACCAGCCTTTAGTGCCTACCATTATCTTATCCGTCTCTCCC  
 GTCCCTGATGACAAAGATCTTGCTTACAGACTTACAGGCTTGGCTTTGAGATTCTGTAAGTGCAGACT  
 TCATTAGCACACAGATCACTTTAATTTCTAATTTTTTTTTTAAATACAAGGAGGGGGCTATTAACACC  
 CAGTACAGACATATCCACAAGGTCGTAATGCATGCTAGAAAAATAGGGCTGGATCTTACTGCCCTG  
 TCTCCCCTGTTTCTGTGCCAGATCTTCAGTCCCTTTCCATACAGGGATTTTTTCTCATAGAGTA  
 ATTATATGAACAGTTTTATGACCTCCTTTGGTCTGAAATACTTTGAACAGAAATTTCTTTTTTTAA  
 AAAAAACAGAGATGGGGTCTTACTATGTTGCCAGGCTGGTGTGCAACTCTGGGCTCAAGCGATCCTTC  
 TGCTTGGCCTCCCGAAGTGTGGGATTGCAGGCATAAGCTACCATGCTGGCCTGAACATAATTTCAAG  
 AGGAGGATTTATAAAACATTTTCTGTAATCAAATGATTGGTGTCAATTTCCATTGCCAATGTAGTCT  
 CACTTAAAAAAGAAAAAGAAAAAGAAATGGATAATTTTCATCTACTGCCTTTACTTGGGGTAAATGTGA  
 TTCTTAAACACCTTCATCATGGAACCTCAGAGTGGGGTCCGTTTTGGTTTTCTGGTGGTGGGTTTTGAA  
 AGATAAGGAAAGCACATTTTGGAGCATGTCTGGTACCATGGTGCAGGATGCTTGGGAACCAAGTGT  
 CAGAGGAATCTAAAGTCTGATTTTGTGTTTTCAGAGACACAGCTTGTGTAACATGAGAAGACATGATT  
 TCTAGGACTCAAGCAGCAAGCCAGGATCTAGGTTGGCTGCTGTGTCATCTTTGAAGTCAAGACAAAGCT  
 GGGCTCGACCTCAAGGGTCTCGTTTTGATAACTTCAAGAACTCATGTGAATACTACTATG  
 TAGAAATAAACCTAGACCTTGAGCGAACATCTGTATATTGGTTGAAAACGATAGTGGTAACCATTGATC  
 CCCCTTCAATTTGATGTTTGGAAAATCCAGTAATTATCATTTTTGCAACGAATATGGATACCACATAGTA  
 CTTTGGTGTACCTGCTTTTGAATAAAGTCTTTGGTTCACCCGGTGAACATTTATGAGTCTTTTG  
 GTGTGAAGAAAGGGCTCATGTTGCATTTCCAGCCATTGCTACAAGAACCTTTATTTGTTCAAGTAAACGGT  
 AGAAAATCCTTCCCGATTAAAACTTCAAGACTTGTGAATATCTGCAATGTCAAGATGACCGATGTTGA  
 GTTGGGTGGATTTGCTAACGAGTCAGATTTGAACATGAGGCTATTGGAACCAATAGCGCTCATTGATGG  
 CGGCAAGCCATAGCTTT

**ACGCGT**AAGCGGCCGCGCATCTAGATTCAAGAAAATGACCG

**Restriction Sites:** SgfI-MluI

**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\\_001136472.1](#)

**Summary:**

Lipopolysaccharide is a potent stimulator of monocytes and macrophages, causing secretion of tumor necrosis factor-alpha (TNF-alpha) and other inflammatory mediators. This gene encodes lipopolysaccharide-induced TNF-alpha factor, which is a DNA-binding protein and can mediate the TNF-alpha expression by direct binding to the promoter region of the TNF-alpha gene. The transcription of this gene is induced by tumor suppressor p53 and has been implicated in the p53-induced apoptotic pathway. Mutations in this gene cause Charcot-Marie-Tooth disease type 1C (CMT1C) and may be involved in the carcinogenesis of extramammary Paget's disease (EMPD). Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2014]

**Locus ID:**

9516