

Product datasheet for **SC217056**

LITAF (NM_004862) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LITAF (NM_004862) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LITAF
Synonyms:	PIG7; SIMPLE; TP53I7
ACCN:	NM_004862
Insert Size:	1907 bp



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Insert Sequence:

>SC217056 3' UTR clone of NM_004862

The sequence shown below is from the reference sequence of NM_004862. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

GGCACCTACAAGCGTTTT**GTAG**ACTCAGCCAGACGTGGAGGGAGCCGGTGCCGCAGGAAGTCCTTTCCA
CCTCTCATCCAGCTTCACGCCTGGTGGAGGTTCTGCCCTGGTGGTCTCACCTCTCCAGGGGGCCACCTT
CATGTCTCTTTTTGGGGGAATACGTCGCAAACTAACAATCTCAAACCCAGAAATTGCTGCTTGA
GTCGTGCATAGGACTTGCAAAGACATCCCTTGAGTGTCAAGTCCACGGTTTCTGCCTCCCTGAGACC
CTGAGTCTGCCATCTAACTGTGATCATTGCCCTATCCGAATATCTTCTGTGATCTGCCATCAGTGGCT
CTTTTTCTGCTTCCATGGCCTTTCTGGTGGCAGTCTCAAAGTGAAGCCACAGTTGCCTATTTTT
GAGGCTGTTCTGCCAGAGCTCGGCTGAACCAGCCTTTAGTGCCTACCATTATCTTATCCGTCTCTCCC
GTCCCTGATGACAAAGATCTTGCTTACAGACTTACAGGCTTGCTTTGAGATTCTGTAAGTGCAGACT
TCATTAGCACACAGATCACTTTAATTTCTAATTTTTTTTTAAATACAAAGGAGGGGGCTATTAACACC
CAGTACAGACATATCCACAAGGTCGTAATGCATGCTAGAAAAATAGGGCTGGATCTTACTGCCCTG
TCTCCCCTGTTTCTGTGCCAGATCTCAGTCCCCCTTCCATACAGGGATTTTTTCTCATAGAGTA
ATTATATGAACAGTTTTATGACCTCCTTTGGTCTGAAATACTTTGAACAGAAATTTCTTTTTTAA
AAAAACAGAGATGGGGTCTTACTATGTTGCCAGGCTGGTGTGCAACTCTGGGCTCAAGCGATCCTTC
TGCTTGGCCTCCCGAAGTGTGGGATTGCAGGCATAAGCTACCATGCTGGCCTGAACATAATTTCAAG
AGGAGGATTTATAAAACATTTTCTGTAATCAAATGATTGGTGTCAATTTCCCATTTGCCAATGTAGTCT
CACTTAAAAAAGAAAAAGAAAAAGAAATGGATAATTTCACTACTGCCTTTACTTGGGGTAAATGTGA
TTCTTAAACACCTTCATCATGGAACCTCAGAGTGGGGTCCGTTTTGGTTTTCTGGTGGTGGTTTTGAA
AGATAAGGAAAGCACATTTGAGCATGTCTGGTACCATGGTGCAGGATGCTTGGGAACCAAGTGT
CAGAGGAATCTAAAGTCTGATTTAGTTTTAGAGACACAGCTTGTGAAAACATGAGAAGACATGATT
TCTAGGACTCAAGCAGCAAGCCAGGATCTAGGTTGGCTGCTGTGTCATCTTTGAAGTCAAGACAAAGCT
GGGCTCGACCTCAAGGGTCTCGTTTTGATAACTTCAGAATAGGGAACCTCATGTGAATACTACTATG
TAGAAATAAAACCTAGACCTTGAGCGAACATCTGTATATTGGTTGAAAACGATAGTGGTAACCATTGATC
CCCCTTCAATTTGATGTTTGGAAAATCCAGTAATTATCTTTTTGCAACGAATATGGATACCACATAGTA
CTTTGGTGTACCTGCTTTTAAAAAATAAGTCTTTGGTTCACCCGGTGAACATTTATGAGTCTTTTG
GTGTGAAGAAAGGGCTCATGTTGCATTTCCAGCCATTGCTACAAAGAACCTTTATTTGTTCAAGTAAAGG
AGAAAATCCTTCCCGATTAAAACTTACAGACTGCTGAATATCTGCAATGTCAAGATGACCGATGTTGA
GTTGGGTGGATTTGCTAACGAGTCAGATTTGAACATGAGGCTATTGGAACCAATAGGCGTCATTGATGG
CGGCAAGCCATAGCTTT

ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCG

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_004862.3

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