

Product datasheet for **SC201415**

LTB (NM_002341) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LTB (NM_002341) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LTB
Synonyms:	p33; TNFC; TNFSF3; TNLG1C
ACCN:	NM_002341
Insert Size:	181 bp
Insert Sequence:	>SC201415 3'UTR clone of NM_002341 The sequence shown below is from the reference sequence of NM_002341. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ACCTTCTTTGGGGCCGTGATGGTGGGGTGAAGGAATATGAGTGCGTGGTGGCAGTGCGTGAATATTGGG GGCCCGGACGCCAGGACCCCATGGCAGTGGGAAAAATGTAGGAGACTGTTTGGAAATTGATTTTGAAC CTGATGAAAATAAAGAATGGAAAGCTTCAGTGCTGCCGATAAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u>NM_002341.2</u>



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Summary:

Lymphotoxin beta is a type II membrane protein of the TNF family. It anchors lymphotoxin-alpha to the cell surface through heterotrimer formation. The predominant form on the lymphocyte surface is the lymphotoxin-alpha 1/beta 2 complex (e.g. 1 molecule alpha/2 molecules beta) and this complex is the primary ligand for the lymphotoxin-beta receptor. The minor complex is lymphotoxin-alpha 2/beta 1. LTB is an inducer of the inflammatory response system and involved in normal development of lymphoid tissue. Lymphotoxin-beta isoform b is unable to complex with lymphotoxin-alpha suggesting a function for lymphotoxin-beta which is independent of lymphotoxin-alpha. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Locus ID:

4050

MW:

6.4