

Product datasheet for **SC202690**

LACTB (NM_171846) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LACTB (NM_171846) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LACTB
Synonyms:	G24; MRPL56
ACCN:	NM_171846
Insert Size:	1843 bp



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Insert Sequence: >SC202690 3'UTR clone of NM_171846
 The sequence shown below is from the reference sequence of NM_171846. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGCCAGTGATTTACAATAGAGCAAGGTAATGAATACCTTCTGCTGTGTCTAGCTATATCGCATCTTA
ACACTATTTTATTAATTAAGTCAAATTTCTTTGTTTCCATTCCAAAATCAACCTGCCACATTTTGG
GAGCTTTTCTACATGTCTGTTTCTCATCTGTAAAGTGAAGGAAGTAAACATGTTTATAAAGTACACT
AAGACCTTTGATGAAAGATAGCAATAATTAATAATTCAAACATGAATAACTAAACAAAATTGCAC
CCACCATGAGCATCTGTAATTTGCTCTTAACCATTCCTTTTTAGGTTTTAACTAATACTTTGTTTAC
GTGTTATTAGTTTTAATGTTTTACTACTGTTTTGAAATAATTTTATACTTATAGAAAAGTTGCAAGA
GTAGTACAAAAGGATTCACATATCCTCTTACTCAGATTCCTTAATGTTAGTTTACCGCATTTCGATTA
CCTTTCTGTCTACATATGTGTTTTGTTTGAACCATTTGAAAATAAGTTGTAGACGTGATACCCCTTA
CCTATAAATATTTACATGTGATTTTCTAAAAACAAGGACATTCAGGGCCGGGTGCAGTGGCTCACGCC
TGTAATCCCAACACTTTGGAAGGCCGAGGTGGGTGGATCACCTGAGGTCAGGAGTTCAAGACCAGCTG
GCCAATGTGGTGAATCAACCCTCTCTACTAAAAATGCAAAAATTAGCCAGGTGTGGTGGCGGGTGC
CTAATATCCAGCCACGCGGGAGGCTGAGGCAGGAGAATCGCTTGAACCCAGGAGGTGGAGTTGCAGTA
AGCCAAGATCGTGCCCTGCACTTCAGGCTGGGCGAAAGAGTGAGACTCCATGTCAAAAAAGGAAAAAA
AAAAAAAAAAAAAGGACATTTGGGAAATTAACATAGATAACAATGCTTTTTATTAATCTACAGACCTTAC
TCAAATTTGCCAGTTGTTCCAATAATGTCCTTTATAGCAAAAGAGCAGAAAAACTTTTTTTCTGGTC
TAGGATCTAATCCATGATCTCACATTGCATTTACTTTGTCATATCTATCAGAAGTCACTTGACATAGTT
TGTCCTTATTGCTGATGGTATTTAATCACTTTTTGAGGTGGTGCCTGTCAGGTTATTGTAAAGTTA
CTATTTTACTTTATAATTAACAAGTATATTTGGAGGAGATAATTTGAGATGATGTAATAATCCTCTTT
CTCATCAAACCTTCTACTAGTTTTAGCATCTATCAGTGATTCATGACTGAATCAGTTATTACAGTGATG
GTTGTCAAATGGTGATTTTCTAATTCATCATCCATTCTGTATTTATCAGTTGGCATTCTATTATAAGA
AGGTGCGGGCCGGGGCGGTGGCTCACGCCTGTAATCCCATCACTTTGGGAGGCTGAGGTGGGCGGATCA
CATGAGACCAAGTTTGAACAGCCTGGCCAACATGGCGAAACCCCATCTCTACTGAAAAACAAAAAA
TCAGCCGGGCATGGTGGCATACTTGAATCTCGGCTGCTCGGAGTCTGAGGCAGGAGAATCTCTTG
AACCCAGGAGGCAGAGGTTGCAGTGAGCCAAGATCATGCCACTGCACTCCAGCCTGGGCGACAAAGTGA
GACTCCATCTCAGAAAAAAGTCTTCCCTTCTCTTATTTATTTATTCATACCAGTATGCACTCA
TGGATTCTATTTTAGTCAATGAGTTATAATCTGTCACTGTCATTATTTAATATGTTGCTTTAAAAATA
GTATATGAAATAATAAACTGTAACAGTAAATGTTATTAGATTGCTTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_171846.4](#)

Summary: This gene encodes a mitochondrially-localized protein that has sequence similarity to prokaryotic beta-lactamases. Many of the residues responsible for beta-lactamase activity are not conserved in this protein, suggesting it may have a different enzymatic function. Increased expression of the related mouse gene was found to be associated with obesity. Alternative splicing results in multiple transcript variants encoding different protein isoforms. [provided by RefSeq, Dec 2013]

Locus ID: 114294

MW: 70.2