

Product datasheet for **RR206296**

Ltb (NM_212507) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ltb (NM_212507) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ltb
Synonyms: MGC108924
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR206296 representing NM_212507
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGGACACGGGACTGCAGGGCCTGGGTGGGAGGCCAGGGAGGGGCTGCCTCTTGCTGGCTGTGG
CAGGAGCTACATCGCTGGTGACCCTGCTGTTGGCAGTGCCTACTGTCCTGGCTGTGCTGGCCCTGGT
GCCCCAGGATCAGGGACGTCAGGTTGAGAAGATCGTTATTGGCTCGGGAGCACAGGCTCAAAAAGGACTG
GACAACAAACCCTCGTGATCTCGCCCTCACCCCTAGCCTCTCAGAGACTCCCGATCCCGTCTGCATC
CTCAGAGATCCTATTCTCCAGGAATCTAGATCCACATCCCAGCGCCCTGTTGCACAGCCCTCTCGGGA
GGCATCTGCATGGGTGACCACCCTGTCCCAGCTGTGGATTCTATACTAGATCCAGGGGTTCAACAGCTG
CCATTGGGGGAACCAGAACTGACTTCAGCCCCGAGCTTCTGCTGCCACCTCATAGGCCTTGGATGA
GCGGGCAAGGGCTCAGCTGGGAGGCGAGCAAGAAGAAGCGTTTCTGAGAAGCGGTGCGCAGTTCTCCCG
CACCCATGGGCTGGCGTGCCTCAGGACGGCGTCTACTATCTCTACTGCCATGTCGGGTATCGGGGCCGG
ACGCCCCCTGCCGGCCGAAGCCGCGCTCGCTTGTTCACGCTGCGCAGCGCCCTGTACCGCGGGGGGGCG
CCTATGGGCGGGCTCCCCGAGCTGCTGCTGGAGGGCGGAGACCGTGACCCCTGTTGTGGATCCCAT
CGGGTACGGTCTTTGTGTACACGAGCGTGGGGTTCGGCGCCTGGCGCAGCTCCGAGCGGCGAGAGG
ATATACGTCAACATCAGTCATCCCGACATGGTGGACTACAGGAGAGGGAAGACCTTCTTCGGGGCGGTGA
TGGTGGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR206296 representing NM_212507
Red=Cloning site Green=Tags(s)

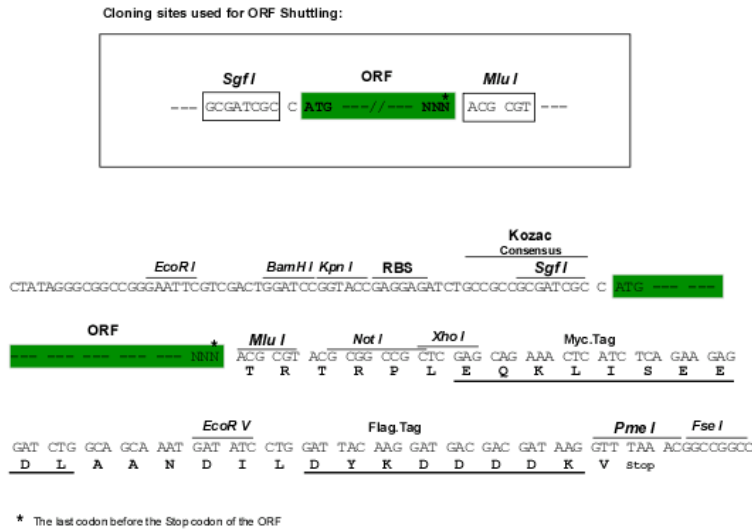
MGTRGLQGLGGRPQGRGCLLLAVAGATSLVTL LLA VPI TVLAVLALVPQDQGRQVEKIVIGSQAQKGL
 DNKPSCISPSPSSLSETPDPR LHPQRSYSSRNLDPTSQR PVAQPSREASAWVTLLSPA VDSILDPGVQQL
 PLGEPETDFSP ELPA AHLIGAWMSGQGLSWEASQEEAFLRSGAQFSRTHGLALPQDGVVYLYCHVGYRGR
 TPPAGRSRARLFTLR SALYRAGGAYGRGSP ELLLEGAETVTPVVDPIGYGSLWYTSVGFGLAQLRSGER
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

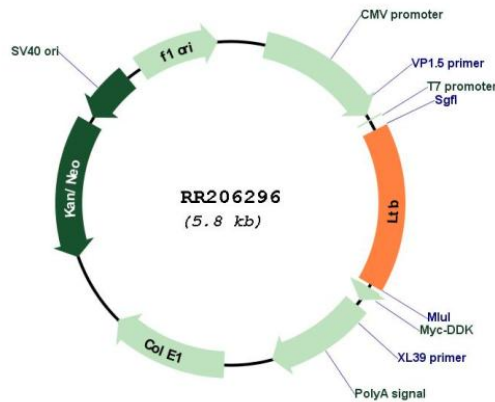
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_212507

ORF Size: 918 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_212507.2 , NP_997672.1
RefSeq Size:	1195 bp
RefSeq ORF:	921 bp
Locus ID:	361795
Cytogenetics:	20p12
MW:	32.6 kDa