

Product datasheet for **RR205079**

Ltb4r (NM_021656) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ltb4r (NM_021656) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ltb4r
Synonyms:	Ltb4r1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR205079 representing NM_021656 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCTGCAAACACTACATCTACTGCAGCAACTTCTTCTCCTGGTGGCATGTCCCTGTCTCTGTTGCCA
TTGCTCTGCTGTCTGTGGCCCTGGTTGTGGGGCTTCCCGCAATAGCTTTGTCGTGTGGAGCATCTGAA
AAGGATGCAGAAACGCTCTGTCACCGCCCTGCTGGTGTGAACCTGGCCCTGGCCGACCTGGCCGTGTTG
CTCACTGCTCCCTTTTTCTACACTTTCTGGCTCGGGGCACCTGGAGTTTTGAAGTGACCGGTTGCCGCC
TGTGTCACTATGTCTGTGGAGTAAGCATGTATGCCAGCGTCTGCTTATCACTATCATGAGCCTGGACCG
CTCACTGGCAGTTGCCGCCCTTTGTGTCCAAAAGGTTTCGTAATAAGCCTTTGCCGATGGGTGCTG
GCAGGTATCTGGGTGGTGTCTTTCTGCTGGCCATACCGGTCCTTGTGTACCGCACAGTAACACCCAAGA
ACAAGACGTTGATCTGCGACTCGAGGTATCCAGCGACGGGCATAAAGTCTTTCATCTGCTCTTTGAAGC
CATCACGGGCTTCTGCTGCCCTTCTGGCGGTGGTGGCCAGCTACTCTGACATCGGGCGCAGGCTGCAG
GCTCGGCGCTTCCGCCGACCCGCCACCGGTCGCTGGTGGTGTCTATTATCCTGGCCTTCCGCCCT
TCTGGCTGCCTTATCACCTGGTGAACCTGGTGAAGCTGGCCGACGCTGGCCGGTGGGACAAGAACAG
CCCTGCTGGGCAGCGTCTGAAGCTGGCCGCTACGTGCTGATCGCGCTGGCCTTCTGAGCAGCAGCGTG
AACCCGGTGTGTACGCGTGCAGGGCGGCGCTGCTTCGTTCCGGCGGCGTGGGCTTCTGTAGTCAAGC
TGCTCGAGGGCACTGGCTCCGAGGTGTCCAGCACCCGTCGCGGAGGCACTTTGGTCCAGACCCCGAAGGC
CACACCCACCTGTCTGAACCGGGCCCCACCGACAGCTTATGACTTCTCCACCCCTCTGAATCTTCG
AAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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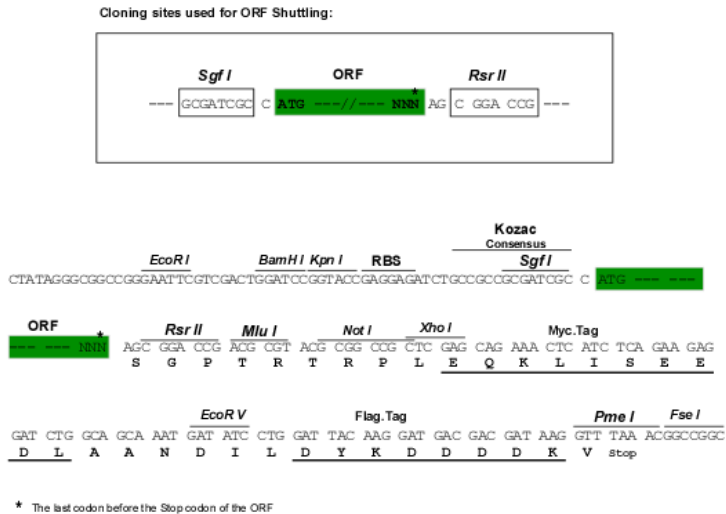
Protein Sequence: >RR205079 representing NM_021656
 Red=Cloning site Green=Tags(s)

MAANTTSTAATSSPGMSSLPIVLLSVALVVGLPGNSFVVSILKRMQKRSVTALLVLNLALADLAVL
 LTAPFFLHFLARGTWSFEVTGCRLCHYVCGVSMYASVLLITIMSLDRSLAVARPFVSQKVRTKAFARWVL
 AGIWWVSFLLAIPVLVYRTVTPKNKTLICDSRYPSDGHKVFHLLFEAITGFLLPFLAVVASYSIDIGRRLO
 ARRFRRSRRTGRLLVLIILAFAAFWLPYHLVNLVEAGRTLAWGDKNSPAGQRLKLARYVLIALAFSSSV
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 K

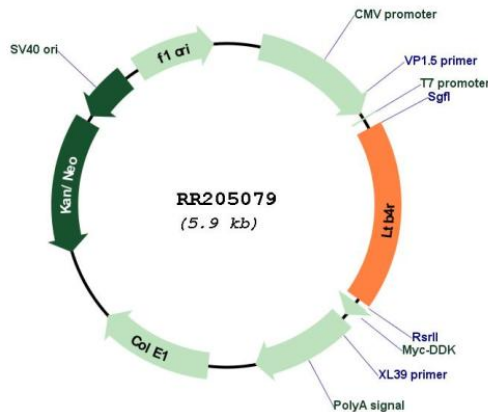
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_021656

ORF Size:	1053 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_021656.1 , NP_067688.1
RefSeq Size:	1056 bp
RefSeq ORF:	1056 bp
Locus ID:	59264
UniProt ID:	Q9R0Q2
Cytogenetics:	15p13
MW:	37.9 kDa
Gene Summary:	may mediate macrophage recruitment and activation [RGD, Feb 2006]