

Product datasheet for MR205333

Ltb4r1 (NM_008519) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ltb4r1 (NM_008519) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Ltb4r1
 Synonyms: BLT1; BLTR; Ltb4r; mBLTR
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >MR205333 representing NM_008519
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTGCAAACACTACATCTCCTGCAGCACCTTCTTCTCCTGGTGGCATGTCCCTGTCTCTGTTGCCCA
 TTGTTCTACTGTCTGTGGCCCTGGCTGTGGGGTCTCCTGGCAATAGCTTTGTAGTGTGGAGCATCTGAA
 AAGGATGCAGAAACGCACGGTCACCGCCCTGCTGGTGTGAAGTGGCCCTGGCCGACTGGCTGTGTTG
 CTCACTGCTCCCTTTTCTCCACTTTCTGGCTCGAGGCACCTGGAGTTTAGAGAGATGGGTTGCCCGC
 TGTGCCACTATGTCTGTGAATAAGCATGTATGCCAGTGTCTGCTTATAACCATCATGAGTCTGGACCG
 ATCACTGGCAGTGGCCCGCCCTTATGTCCAAAAGGTTTCGTAAGGCTTTGCCCGATGGGTGCTG
 GCAGGCATCTGGGTGGTGTCTTTCTGCTGGCCATACCGTCTTGTGTACCGTACAGTAAAATGGAACA
 ACAGGACTCTGATCTGCCTCCGAATATCCCAACAAAGAGCATAAAGTCTTCCATCTGCTCTTCGAAGC
 CATCACGGGCTTCTGCTGCCCTTCTAGCGGTGGTGGCCAGCTACTCTGACATCGGGCGCAGGCTGCAG
 GCTCGGCGCTTCCGCGTAGTCGCGCACCGGCCGCTGGTGGTGTCTTATCTGCGCTTCCGCGCT
 TCTGGCTGCCTTACCACCTGGTGAACCTGGTGAAGCCGGCCGCACAGTGGCCGGCTGGGACAAGAACAG
 CCCTGCGGGGCAGCGTCTGAGGCTGGCCCGCTATGTGCTCATCGCGTGGCTTCTGAGCAGCAGCGTG
 AACCCGGTGTGTACGCGTGCAGGGCGGCGGCTGCTGCGTTCGGCGGGCGTGGGCTTCTGGTCAAGC
 TACTGGAGGGCACTGGCTCGGAGGTGTCCAGCACCCCGCGGGGCACTCTGGTCCAGACCCCGAAGGA
 CACACCTGCCTGTCTGAGCCTGGCCCCACCGACAGCTTCATGACTTCTCCACCATTCTGAGTCTTCG
 AAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR205333 representing NM_008519
Red=Cloning site Green=Tags(s)

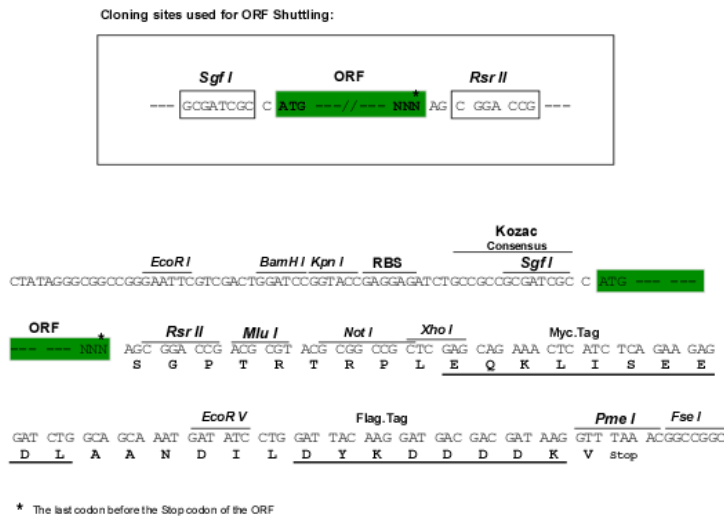
MAANTTSPAAPSSPGMSLSLLPIVLLSVALAVGLPGNSFVVWSILKRMQKRTVTALLVLNLALADLAVL
 LTAPFFLHFLARGTWSFREMGCRLLCHYVCGISMYASVLLITIMSLDRSLAVARPFMSQKVRTKAFARWVL
 AGIWWVSFLLAIPVLVYRTVKWNNRTLICAPNYPNKEHKVFHLLFEAITGFLLPFLAVVASYSIDIGRRLQ
 ARRFRRSRRTGRLVVLIIILAFWLPYHLVNLVEAGRTVAGWDKNSPAGQRLRLARYVLIILAFLLSSSV
 NPVLYACAGGGLLRSAAGVGFVVKLLEGTGSEVSSTRRGGLTVQTPKDTACPEPGPTDSFMTSSTIPES
 K

SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9019_h08.zip

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_008519

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:

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_008519.2](#), [NP_032545.1](#)

RefSeq Size: 1392 bp

RefSeq ORF: 1056 bp

Locus ID: 16995

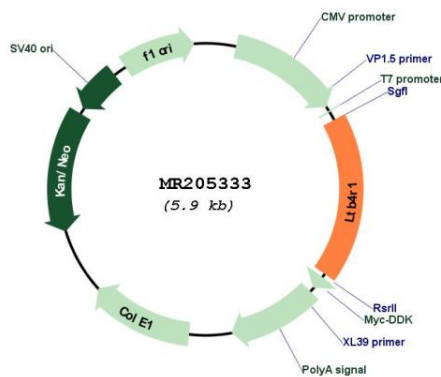
UniProt ID: [O88855](#)

Cytogenetics: 14 28.19 cM

MW: 38.7 kDa

Gene Summary: Receptor for leukotriene B4, a potent chemoattractant involved in inflammation and immune response.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR205333