

Product datasheet for MC210126

Ltb4r2 (NM_020490) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ltb4r2 (NM_020490) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ltb4r2
Synonyms: 5830462O07Rik; BLT2; LTB4-R-2; LTB4-R 2; LTB4-R2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC210126 representing NM_020490
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGTCTGCTACCGTCCGCCTGGGAATGAGACACTACTGAGCTGGAAGGGCTCGCGGGCCACCGGCA
CTGCCTTTCTACTGCTGGCGGCTTGTGGGACTGCCAGGCAATGGCTTCGTAGTATGGAGCTTAGCGGG
CTGGCGGCCACGGCGGGCCGGCCACTGGCGGCCACACTTGTGCTGCACCTGGCCCTGGCCGACGGCGCG
GTGCTGCTGCTCACGCCCTCTTTGTGGCTTTCCTCAGCCAAGAGGCTTGGCCCTGGGCCAGGTGGCT
GCAAGGCGGTGTACTACGTGTGCGCGCTCAGCATGTACGCCAGCGTGTGCTCACCGCCCTGCTCAGCCT
GCAGCGCTGCCTGGCTGTCACTCGGCCCTTCTGGCTCCCGACTGCGCAGCCCGGCCCTGGCCCGCCG
TTGCTGCTGGGGGTCTGGCTGGCCGCCCTGGTGTCTCGCCGTCCCGGCCGCGGTCTACCGCCACCTCTGGG
GCGGGCGCGTGTGTGCTGAGCTGTGCCACCCATCGCCAGTGCACGCAGCTGCTCATCTGAGCCTGGAGACCT
GACTGCCTTCGTCTTGCCTTTGGGACCGTGTCTGGCTGCTATGGCGTGACGCTGGCGCGGTTGCGAGGA
GCGCGCTGGGGCTCGGGGCGACAAGGCACACGGGTGGGTGCTGCTGGTGTGAGCGCCATCGTGTGGCCTTTG
GCTTGTCTGGGCTCCCTACCACGCGGTCAATCTCCTACAGGCGGTGGCCGCGCTCGCTCCGCCGGAAGG
ACCCCTGGCCAGGCTCGCGGGGCGGGCCAGGCGGCGCGCTGGAACACTACGCCTTGGCTTTCTTCAGT
TCCAGCGTCAACCCAGTGTCTATGCTTCACTGCGGGGATTTGCTGCCGCGGGCCCTCGGTTCC
TTACTCGACTTTCGAGGGCTCTGGGGAGGCCGAGGGGCGAGCCGCTTAGGGAGGGTACCATGGAAC
CCGAACTACTCCTAAGCTGAAAGTAATGGGGCAGGGCAGGGGCAATGGAGACCTGGAGCGGAGATGGG
GGCAAGACGGAGAAAGACAGTCAAGAATGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1805_g08.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_020490
Insert Size:	1083 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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_020490.1 , NP_065236.1
RefSeq Size:	1439 bp
RefSeq ORF:	1083 bp
Locus ID:	57260
UniProt ID:	Q9JLL9
Cytogenetics:	14 C3
Gene Summary:	Low-affinity receptor for leukotrienes including leukotriene B4. Mediates chemotaxis of granulocytes and macrophages. The response is mediated via G-proteins that activate a phosphatidylinositol-calcium second messenger system (By similarity).[UniProtKB/Swiss-Prot Function]