*h*LTB4R VersaClone cDNA

Catalog Number: RDC0413

Specifications:

Gene:	*h*LTB4R
Accession:	NP_858043
Insert size:	1072bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

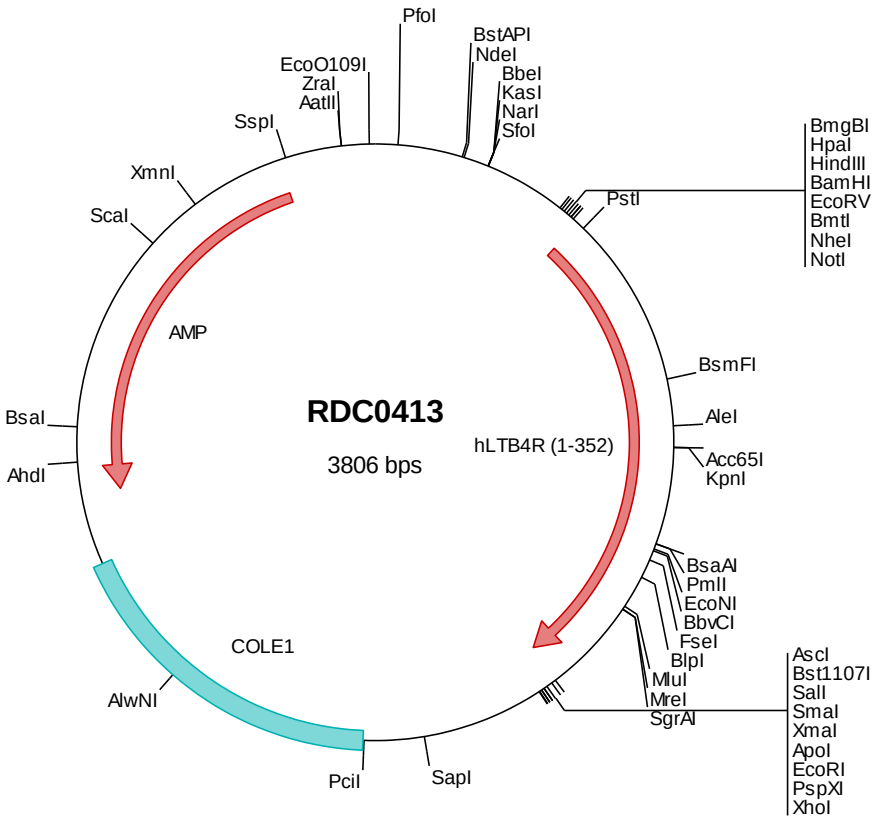
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*LTB4R cDNA Plasmid

LTB4R leukotriene B4 receptor
[*Homo sapiens*]

Also known as: BLT1; BLTR; P2Y7; GPR16; LTBR1; P2RY7; CMKRL1; LTB4R1

Summary:
Leukotrienes are involved in airway inflammation, and are believed to stimulate airway remodeling in asthma. LTB4R, a G protein-coupled 7-transmembrane receptor, is a receptor for Leukotriene B(4) (LTB(4)). LTB4R plays a role in various inflammatory diseases and is almost exclusively expressed in peripheral leukocytes, which suggests that its expression is stringently regulated.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0413 Plasmid DNA Sequence

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 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgaacacta catcttctgc agcacccccc tcactaggtg tagagttcat
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 701  gttttggact ggctggttgc cgcctgtgtc actatgtctg cggagtcagc atgtacgcca gcgtcctgct tatcacggcc atgagtctag accgctcact
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1001  tcgaggctgt cacgggcttc ctgctgccct tcctggctgt ggtggccagc tactcggaca tagggcgtcg gctacaggcc cggcgcttcc gccgcagccg
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1901  gaatcagggg ataacgcagg aaagaacatg tgagcaaaag gccagcaaaa ggccaggaac cgtaaaaagg ccgcgttgct ggcgtttttc cataggctcc
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3701  ggggttccgc gcacatttcc ccgaaaagtg ccacctgacg tctaagaaac cattattatc atgacattaa cctataaaaa taggcgtatc acgaggccct
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> RDC0413 Translated Insert Sequence

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 101  myasvllita msldrslava rpfvsqklrt kamarrvlag iwvlsfllat pvlayrtvvp wktnmslcfp rypseghraf hlifeavtgf llpflavvas
 201  ysdigrrlqa rrfrrsrrtg rlvvliiltf aafwlpyhvv nlaeagrala gqaaglglvg krlslarnvl ialaflsssv npvlyacagg gllrsagvgf
 301  vakllegtgs easstrrggs lgqtarsgpa alepgpsesl tassplklne ln
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