

Recombinant Human LTB4R

Cat. No. LTB4R-27119TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Leukotriene B4 Receptor with N terminal FLAG tag and C terminal His tag co-expressed with inhibitory G-protein Gia2b1g2, prepared from Sf9 insect cells triple-infected with Leukotriene B4 Receptor, Gia2 and Gb1g2 encoding
Species	Human
Description	BLTR (Leukotriene B4 receptor) is a seven transmembrane-domain (7TM), G protein-coupled receptor (GPCR). BLTR is a potent chemoattractant active on multiple leukocytes, including neutrophils, macrophages, and eosinophils. BLTR is involved in the pathogenesis of a wide variety of human inflammatory diseases. Therefore, the BLTR represents an attractive target for therapeutic intervention.
Conjugation	FLAG, His
Form	Liquid
Storage buffer	Preservative: None Constituents: 75mM Tris HCl, 12.5mM Magnesium chloride, 1mM EDTA, pH 7.4
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Full Length	Full L.

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GENE INFORMATION

Gene Name	LTB4R leukotriene B4 receptor [Homo sapiens]
Official Symbol	LTB4R
Synonyms	LTB4R; leukotriene B4 receptor; CMKRL1, GPR16, P2RY7; leukotriene B4 receptor 1; BLTR; LTB4R1; P2Y7;
Gene ID	1241
mRNA Refseq	NM_001143919
Protein Refseq	NP_001137391
MIM	601531
Uniprot ID	Q15722
Chromosome Location	14q11.2-q12
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Eicosanoid ligand-binding receptors, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem;
Function	leukotriene B4 receptor activity; leukotriene receptor activity; nucleotide binding; receptor activity; signal transducer activity;

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