

## Recombinant Human LTB4R

Cat. No. LTB4R-27118TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human Leukotriene B4 Receptor with N terminal FLAG tag and C terminal His tag co-expressed with inhibitory G-protein Gia1b1g2, prepared from Sf9 insect cells triple-infected with Leukotriene B4 Receptor, Gia1 and Gb1g2 encoding
<b>Species</b>	Human
<b>Description</b>	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.
<b>Conjugation</b>	FLAG, His
<b>Form</b>	Liquid
<b>Storage buffer</b>	Preservative: None Constituents: 75mM Tris HCl, 12.5mM Magnesium chloride, 1mM EDTA, pH 7.4
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Full Length</b>	Full L.

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## GENE INFORMATION

<b>Gene Name</b>	LTB4R leukotriene B4 receptor [ Homo sapiens ]
<b>Official Symbol</b>	LTB4R
<b>Synonyms</b>	LTB4R; leukotriene B4 receptor; CMKRL1, GPR16, P2RY7; leukotriene B4 receptor 1; BLTR; LTB4R1; P2Y7;
<b>Gene ID</b>	1241
<b>mRNA Refseq</b>	NM_001143919
<b>Protein Refseq</b>	NP_001137391
<b>MIM</b>	601531
<b>Uniprot ID</b>	Q15722
<b>Chromosome Location</b>	14q11.2-q12
<b>Pathway</b>	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;
<b>Function</b>	leukotriene B4 receptor activity; leukotriene receptor activity; nucleotide binding; receptor activity; signal transducer activity;

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