

Recombinant Human LTB4R

Cat. No. LTB4R-26799TH 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 Gia3b1g2, prepared using Sf9 cells triple-infected with Leukotriene B4 Receptor, Gia3 and Gb1g2 encoding baculovi
Species	Human
Conjugation	FLAG,His
Tissue specificity	Expressed at highest levels in heart, skeletal muscle and at lower levels in brain and liver. High level of expression in lymphoid tissues.
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.
Sequence Similarities	Belongs to the G-protein coupled receptor 1 family.
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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