



LTB4R2 peptide (DAG-P1562)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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. The rank order of affinities for the leukotrienes is LTB4 > 12-epi-LTB4 > LTB5 > LTB3.
Specificity	Widely expressed.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the G-protein coupled receptor 1 family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	LTB4R2 leukotriene B4 receptor 2 [Homo sapiens (human)]
Official Symbol	LTB4R2
Synonyms	LTB4R2; leukotriene B4 receptor 2; BLT2; NOP9; BLTR2; JULF2; KPG_004; LTB4-R2; LTB4-R 2; LTB4 receptor JULF2; leukotriene B4 receptor BLT2; seven transmembrane receptor BLTR2;
Entrez Gene ID	56413

mRNA Refseq	NM_001164692.2
Protein Refseq	NP_001158164.1
UniProt ID	B4E292
Chromosome Location	14q12
Pathway	Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; 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; GPCRs, Other, organism-specific biosystem; Gastrin-CREB signalling pathway via PKC and MAPK, orga
Function	leukotriene receptor activity;