

Recombinant Human LTB4R2 293 Cell Lysate

Cat. No. LTB4R2-9166HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for leukotriene B4 receptor 2 (LTB4R2), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

[LTB4R2 leukotriene B4 receptor 2 \[Homo sapiens \]](#)

Official Symbol

LTB4R2

Synonyms

LTB4R2; leukotriene B4 receptor 2; BLT2; BLTR2; JULF2; NOP9; LTB4 receptor JULF2; leukotriene B4 receptor BLT2; seven transmembrane receptor BLTR2; KPG_004; LTB4-R2; LTB4-R 2;

Gene ID

[56413](#)

mRNA Refseq

[NM_001164692](#)

Protein Refseq

[NP_001158164](#)

MIM

[605773](#)

UniProt ID

[Q9NPC1](#)

**Chromosome
Location**

14q11.2-q12

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

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signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem;

Function

leukotriene B4 receptor activity; leukotriene receptor activity; receptor activity; signal transducer activity;

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