

Recombinant Full Length Human LTB4R Protein

Cat. No. LTB4R-6133HF Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Human LTB4R full-length ORF (ABW03628.1) recombinant protein without tag. |
| Species | Human |
| Source | In Vitro Cell Free System |
| ProteinLength | 878 amino acids |
| Description | LTB4R (Leukotriene B4 Receptor) is a Protein Coding gene. Among its related pathways are Immune response CCR3 signaling in eosinophils and RET signaling. GO annotations related to this gene include G-protein coupled receptor activity and leukotriene receptor activity. An important paralog of this gene is LTB4R2. |
| Form | Liquid |
| Molecular Mass | 38.72 kDa |
| AA Sequence | MNTTSSAAPPSLGVEFISLLAIILLSVALAVGLPGNSFVWWSILKRMQKRSVTALMVLN LALADLAVLLTAPFFLHFLAQTWSFGLAGCRLCHYVCGVSMYASVLLITAMSLDRS LAVARPFVSQKLRTKAMARRVLAGIWVLSFLLATPVLAYRTVVPWKTNMSLCFPRYP SEGHRAFHLIFEAVTGFLLPFLAVVASYSDIGRRLQARRFRSRRTGRLVVLIIITFAA FWLPYHVVNLAEAGRALAGQAAGLGLVGKRLSLARNVLIALAFLSSSVNPVLYACAG GGLLRSAAGVGFVAKLLEGTGSEASSTRRGSLGQTARSGPAALEPGPSESLTASSP FKLNELN |

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| Applications | Antibody Production Functional Study Compound Screening |
| Notes | Best use within three months from the date of receipt of this protein. |
| Storage | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| Storage Buffer | 25 mM Tris-HCl of pH8.0 containing 2% glycerol. |

GENE INFORMATION

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|------------------------|---|
| 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; LTB4-R1; LTB4-R 1; P2Y purinoceptor 7; chemokine receptor-like 1; G protein-coupled receptor 16; G-protein coupled receptor 16; chemoattractant receptor-like 1; purinergic receptor P2Y, G-protein coupled, 7; BLT1; GPR16; LTBR1; P2RY7; CMKRL1; |
| Gene ID | 1241 |
| mRNA Refseq | NM_001143919 |
| Protein Refseq | NP_001137391 |
| MIM | 601531 |
| UniProt ID | Q15722 |

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