

**PRODUCT INFORMATION**

<b>Target</b>	LTB4R
<b>Synonyms</b>	BLT1, BLTR, P2Y7, GPR16, LTBR1, P2RY7, CMKRL1, LTB4R1
<b>Description</b>	Recombinant human LTB4R Protein with C-terminal human Fc tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q15722
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-Human Fc tag
<b>Molecular Characterization</b>	LTB4R(Met1-Leu19) hFc(Glu99-Ala330)
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 28.1 kDa after removal of the signal peptide.
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Background</b>	Predicted to enable G protein-coupled peptide receptor activity and leukotriene B4 receptor activity. Predicted to be involved in neuropeptide signaling pathway. Predicted to act upstream of or within signal transduction. Predicted to be located in membrane. Predicted to be active in plasma membrane. [provided by Alliance of Genome Resources, Jul 2025]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



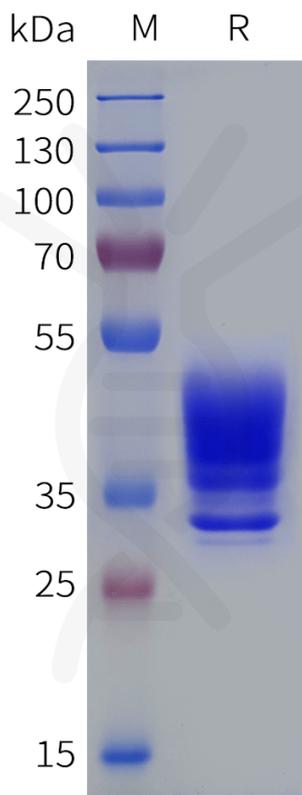


Figure 1. Human LTB4R Protein, hFc Tag on SDS-PAGE under reducing condition.

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