

PRODUCT INFORMATION

Target	LTB4R
Synonyms	BLT1, BLTR, P2Y7, GPR16, LTBR1, P2RY7, CMKRL1, LTB4R1
Description	Recombinant human LTB4R Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q15722
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	LTB4R(Met1-Leu19) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 28.1 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	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.
Storage&Shipping	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.
Background	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]
Usage	Research use only
Conjugate	Unconjugated



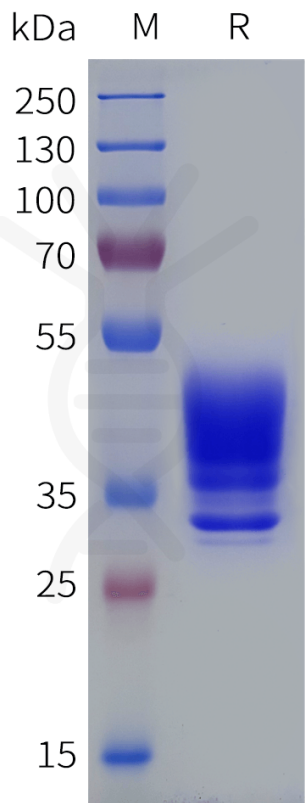


Figure 1. Human LTB4R Protein, hFc Tag on SDS-PAGE under reducing condition.

