

Mouse LTBR Protein

Cat. No. LTB-MM201

Description

Source	Recombinant Mouse LTBR Protein is expressed from HEK293 with hFc tag at the C-Terminus It contains Gln31-Leu223.
Accession	P50284
Molecular Weight	The protein has a predicted MW of 48.5 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	>95% as determined by Bis-Tris PAGE; >95% as determined by HPLC

Formulation and Storage

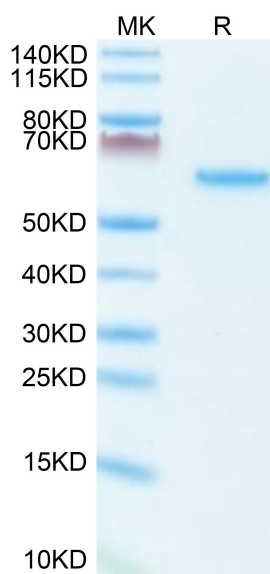
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Components of lymphotoxin beta receptor (LTBR)-associated signaling complexes, including TRAF2, TRAF3, NIK, IKK1, and IKK2 have been shown to participate in the coupling of LTBR to NFκB. TRAF3 functions as a negative regulator of LTBR signaling via both canonical and non-canonical NFκB pathways by two distinct mechanisms. These effects of TRAF3 depletion did not require LTBR signaling and were consistent with autonomous activation of the non-canonical NFκB pathway.

Assay Data

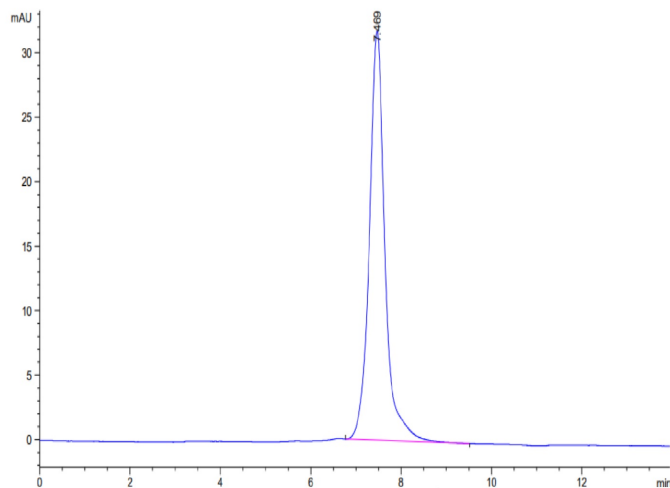
Bis-Tris PAGE



Mouse LTBR on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Assay Data



The purity of Mouse LTBR is greater than 95% as determined by SEC-HPLC.