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LTBR Protein (AA 31-227) (Fc Tag)





Overview

Quantity:	100 μg
Target:	LTBR
Protein Characteristics:	AA 31-227
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LTBR protein is labelled with Fc Tag.

Product Details

227
ant Human LTBR Protein is expressed from HEK293 with hFc tag at the C- It contains Gln31-Met227.
determined by Tris-Bis PAGE,> 95 % as determined by HPLC
tered
1EU per μg by the LAL method.
ed Human LIGHT, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve

Target Details	
Target:	LTBR
Alternative Name:	LTBR (LTBR Products)
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 NFkappaB.TRAF3 functions as a negative regulator of LTBR signaling via both canonical and non-canonical NFkappaB 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 NFkappaB pathway.
Molecular Weight:	48.5 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
Pathways:	NF-kappaB Signaling
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after

smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into

Storage:

Expiry Date:

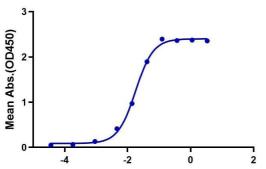
Storage Comment:

-20 °C,-80 °C

12 months

mAU

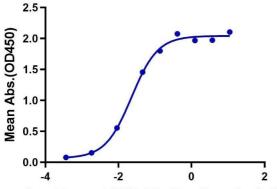
Human LTBR, hFc Tag ELISA 0.05µg Human LTBR, hFc Tag Per Well



Log Biotinylated Anti-LTBR Antibody, hFc Tag Conc.(µg/ml)

0.05µg Human LIGHT, His Tag Per Well

Human LTBR, hFc Tag ELISA



Log Human LTBR, hFc Tag Conc.(µg/ml)

17.5 15 12.5 25

ELISA

Image 1. Immobilized Human LTBR, hFc Tag at 0.5 μg/mL (100 µL/Well) on the plate. Dose response curve for Biotinylated Anti-LTBR Antibody, hFc Tag with the EC50 17.8 ng/mL determined by ELISA.

ELISA

Image 2. Immobilized Human LIGHT, His Tag at 0.5 μg/mL (100 µL/Well) on the plate. Dose response curve for Human LTBR, hFc Tag with the EC50 22.9 ng/mL determined by ELISA.

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 3. The purity of Human LTBR is greater than 95 % as determined by SEC-HPLC.

Please check the product details page for more images. Overall 4 images are available for ABIN7275218.