

Datasheet for ABIN7321202

LTBR Protein (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	LTBR
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LTBR protein is labelled with His tag.

Product Details

Purpose:	Recombinant Rat LTBR/TNFRSF3 Protein (His Tag)
Sequence:	Met 1-Ala 218
Characteristics:	A DNA sequence encoding the rat LTBR (NP_001008316.1) extracellular domain (Met 1-Ala 218) was expressed, fused with a polyhistidine tag at the C-terminus.
Purity:	> 96 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method

Target Details

Target:	LTBR
Alternative Name:	LTBR/TNFRSF3 (LTBR Products)
Background:	Background: LTBR (lymphotoxin beta receptor (TNFR superfamily, member 3)) is a member of the tumor necrosis factor (TNF) family of receptors. Tumor necrosis factor receptor is a trimeric cytokine receptor that binds tumor necrosis factors. The receptor cooperates with an

Target Details

adaptor protein (such as TRADD, TRAF, RIP), which is important in determining the outcome of the response. LTBR is expressed on the surface of most cell types, including cells of epithelial and myeloid lineages, but not on T and B lymphocytes. LTBR specifically binds the lymphotoxin membrane form (a complex of lymphotoxin-alpha and lymphotoxin-beta). LTBR and its ligand play a role in the development and organization of lymphoid tissue and transformed cells. Activation of this protein can trigger apoptosis. Not only does the LTBR help trigger apoptosis, it can lead to the release of the cytokine interleukin 8. Overexpression of LTBR in HEK293 cells increases IL-8 promoter activity and leads to IL-8 release. It is also essential for development and organization of the secondary lymphoid organs and chemokine release.

Synonym: LTBR

Molecular Weight: 23 kDa

NCBI Accession: [NP_001008316](#)

Pathways: [NF-kappaB Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

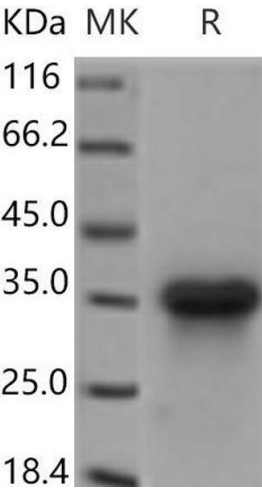
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.