

## Recombinant Human LTBR protein, His-tagged

**Cat. No.** LTBR-2683H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LTBR aa. (Thr66~Glu215 (Accession # P36941)) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Thr66~Glu215
<b>Description</b>	This gene encodes a member of the tumor necrosis factor receptor superfamily. The major ligands of this receptor include lymphotoxin alpha/beta and tumor necrosis factor ligand superfamily member 14. The encoded protein plays a role in signalling during the development of lymphoid and other organs, lipid metabolism, immune response, and programmed cell death. Activity of this receptor has also been linked to carcinogenesis. Alternatively spliced transcript variants encoding multiple isoforms have been observed.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	20kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%

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<b>Characteristic</b>	The isoelectric point is 6.4.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and preservative.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

<b>Gene Name</b>	LTBR lymphotoxin beta receptor [ Homo sapiens (human) ]
<b>Official Symbol</b>	LTBR
<b>Synonyms</b>	CD18; TNFCR; TNFR3; D12S370; TNFR-RP; TNFRSF3; TNFR2-RP; LT-BETA-R; TNF-R-III; lymphotoxin B receptor; lymphotoxin beta receptor (TNFR superfamily, member 3); tumor necrosis factor C receptor; tumor necrosis factor receptor 2-related protein; tumor necrosis factor receptor type III
<b>Gene ID</b>	4055
<b>mRNA Refseq</b>	NM_001270987.1

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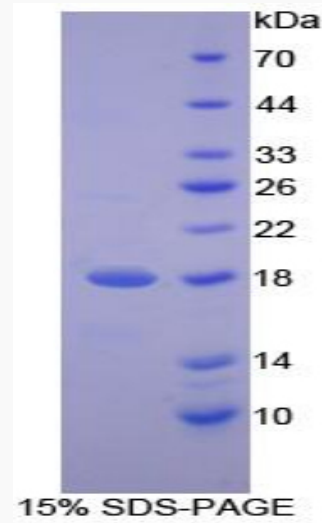
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Protein Refseq NP\_001257916.1

UniProt ID P36941

SDS-PAGE



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