

Recombinant Human LTBR protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human LTBR aa. (Thr66~Glu215 (Accession # P36941)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Thr66~Glu215
Description	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.
Form	Freeze-dried powder
Molecular Mass	20kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 6.4.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and preservative.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	LTBR lymphotoxin beta receptor [Homo sapiens (human)]
Official Symbol	LTBR
Synonyms	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
Gene ID	4055
mRNA Refseq	NM_001270987.1

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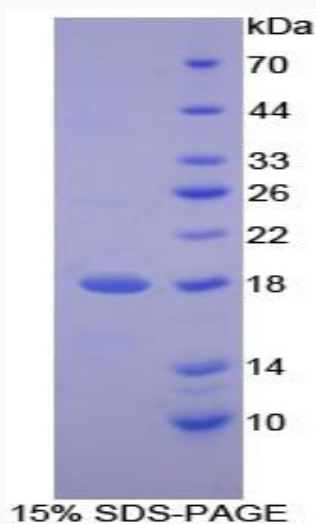
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Protein Refseq NP_001257916.1

UniProt ID P36941

SDS-PAGE



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