

## Active Recombinant Mouse LTBR, MIgG2a Fc-tagged

Cat. No. LTBR-4557M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The extracellular domain of mouse LTβR (NP_034866.1) (Ser28-Leu223) is fused to the N-terminus of the Fc region of mouse IgG2a was expressed in CHO cell.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>ProteinLength</b>	28-223 a.a.
<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>	Lyophilized from 0.2μm-filtered solution in PBS.
<b>Bio-activity</b>	Immobilized LT beta R/Fc Chimera has been used for affinity purification of Lymphotoxin alpha 1/beta 2 heterotrimers.
<b>Molecular Mass</b>	48KDa (monomer)
<b>AA Sequence</b>	Ser28-Leu223

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<b>Endotoxin</b>	<0.06 eu/μg="" as="" determined="" by="" lal="" test.="">
<b>Purity</b>	>98%, by SDS-PAGE under reducing conditions.
<b>Stability</b>	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
<b>Reconstitution</b>	Reconstitute at 100μg/ml in sterile PBS.
<b>Warning</b>	Avoid freeze/thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Ltbr lymphotoxin B receptor [ Mus musculus ]</a>
<b>Official Symbol</b>	LTBR
<b>Synonyms</b>	LTBR; lymphotoxin B receptor; tumor necrosis factor receptor superfamily member 3; LT beta-R; LT-beta receptor; lymphotoxin-beta receptor; TNF receptor-related protein; tumor necrosis factor receptor superfamily, member 3; CD18; Ltar; TNFCR; Tnfbr; TNFRrp; LTbetaR; TNFR-RP; Tnfrsf3; AI256028; TNFR2-RP; TNF-R-III;
<b>Gene ID</b>	<a href="#">17000</a>
<b>mRNA Refseq</b>	<a href="#">NM_010736</a>
<b>Protein Refseq</b>	<a href="#">NP_034866</a>
<b>Pathway</b>	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Intestinal immune network

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for IgA production, organism-specific biosystem; Intestinal immune network for IgA production, conserved biosystem;

**Function**

binding; identical protein binding; protein binding; receptor activity;

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