

Active Recombinant Mouse LTBR, MlgG2a Fc-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	CHO
ProteinLength	28-223 a.a.
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	Lyophilized from 0.2μm-filtered solution in PBS.
Bio-activity	Immobilized LT beta R/Fc Chimera has been used for affinity purification of Lymphotoxin alpha 1/beta 2 heterotrimers.
Molecular Mass	48KDa (monomer)
AA Sequence	Ser28-Leu223

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Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="" test="">
Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	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.
Reconstitution	Reconstitute at 100μg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	Ltbr lymphotoxin B receptor [Mus musculus]
Official Symbol	LTBR
Synonyms	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; Ltarg; TNFCR; Tnfbr; TNFRrp; LTbetaR; TNFR-RP; Tnfrsf3; AI256028; TNFR2-RP; TNF-R-III;
Gene ID	17000
mRNA Refseq	NM_010736
Protein Refseq	NP_034866
Pathway	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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