

Active Recombinant Mouse Lta Protein (Leu34-Leu202), N-His tagged, Animal-free, Carrier-free

Cat. No. Lta-66M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Lta Protein (Leu34-Leu202) with N-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Mouse
Source	E.coli
ProteinLength	Leu34-Leu202
Description	Tumor Necrosis Factor Beta (TNF beta) or lymphotoxin-alpha (LT-α) is a 19 kDa tumor necrosis factor family protein with 171 amino acid residues. TNF beta is mainly expressed from lymphocytes, and mediates variety of inflammatory, immunostimulatory, and antiviral responses. TNF beta also involves development in secondary lymphoid organs. It is cytotoxic for different tumor cells in vitro and in vivo.
Form	Lyophilized
Bio-activity	Measure by its ability to induce cytotoxicity in L929 cells in the presence of actinomycin D. The ED50 for this effect is < 30 ng/mL.
Molecular Mass	The protein has a calculated MW of 19.36 kDa. The protein migrates as 11-17 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.

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Purity	>98% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	Lta lymphotoxin A [Mus musculus (house mouse)]
Official Symbol	Lta
Synonyms	LTA; lymphotoxin A; lymphotoxin-alpha; TNF beta; lymphotoxin alpha; tumor necrosis factor ligand superfamily member 1; LT; Ltx; Tnfb; LT[a]; LT-[a]; TNFSF1; hlb382; LTalpha; Tnfsf1b; LT-alpha; TNF-beta; MGC117668;
Gene ID	16992
mRNA Refseq	NM_010735
Protein Refseq	NP_034865

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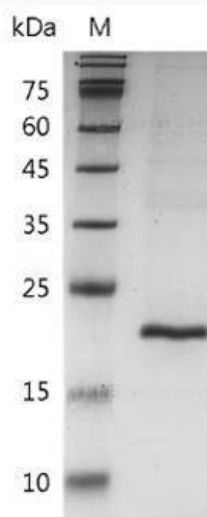
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UniProt ID

P09225

**SDS-PAGE analysis
of recombinant
mouse TNF Beta.**



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