

## Recombinant Mouse Lta Protein, MYC/DDK-tagged

Cat. No. Lta-1346M    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse lymphotoxin A (Lta), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.                                                                                                                                    |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | Cytokine that in its homotrimeric form binds to TNFRSF1A/TNFR1, TNFRSF1B/TNFR and TNFRSF14/HVEM. In its heterotrimeric form with LTB binds to TNFRSF3/LTBR. Lymphotoxin is produced by lymphocytes and cytotoxic for a wide range of tumor cells in vitro and in vivo. |
| <b>Molecular Mass</b>   | 22.4 kDa                                                                                                                                                                                                                                                               |
| <b>Purity</b>           | >80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                             |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                          |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                                         |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                                       |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                  |

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## GENE INFORMATION

|                 |                                                                                                                                                                                                                                 |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Lta lymphotoxin A [ Mus musculus (house mouse) ]                                                                                                                                                                                |
| Official Symbol | Lta                                                                                                                                                                                                                             |
| Synonyms        | Lta; lymphotoxin A; LT; Ltx; Tnfb; LT[a]; LT-[a]; TNFSF1; Tnlg1e; hlb382; LTalpha; Tnfsf1b; LT-alpha; TNF-beta; lymphotoxin-alpha; TNF beta; tumor necrosis factor ligand 1e; tumor necrosis factor ligand superfamily member 1 |
| Gene ID         | 16992                                                                                                                                                                                                                           |
| mRNA Refseq     | NM_010735                                                                                                                                                                                                                       |
| Protein Refseq  | NP_034865                                                                                                                                                                                                                       |
| UniProt ID      | P09225                                                                                                                                                                                                                          |

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