

# Product Datasheet

## Recombinant Human Lymphotoxin-alpha/TNF-beta Protein **NBP1-99354**

Unit Size: 0.02 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP1-99354**

## Recombinant Human Lymphotoxin-alpha/TNF-beta Protein

**Product Information**

<b>Unit Size</b>	0.02 mg
<b>Concentration</b>	Lyoph
<b>Storage</b>	Store at -20 to -80C. Avoid freeze-thaw cycles.
<b>Reconstitution Instructions</b>	Reconstitute in PBS to a concentration of 1 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4C for 1 week or -20C for long-term storage. For long term storage, it is recommended to add a carrier protein (0.1% HAS or BSA).
<b>Purity</b>	>98%, by SDS-PAGE
<b>Buffer</b>	Sterile filtered and lyophilized with no additives
<b>Target Molecular Weight</b>	18.6 kDa

**Product Description**

<b>Description</b>	Recombinant bioactive protein containing 171 amino acids for Human Lymphotoxin-alpha/TNF-beta  <b>Source:</b> <i>E. coli</i> <b>Amino Acid Sequence:</b> (P01374)
<b>Gene ID</b>	4049
<b>Gene Symbol</b>	LTA
<b>Species</b>	Human
<b>Preparation Method</b>	Determined to be >98% pure by SDS-PAGE
<b>Details of Functionality</b>	The ED50 as determined by the cytolysis of murine L929 cells in the presence of actinomycin D is < 0.05 ng/ml, corresponding to a specific activity of >2 x 10 <sup>7</sup> units/mg.
<b>Endotoxin Note</b>	<0.1 ng/ug

**Product Application Details**

<b>Applications</b>	SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	SDS-Page, Bioactivity



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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