

# Product Datasheet

## Recombinant Human Lymphotoxin-alpha/TNF-beta Protein NBP2-52392-0.005mg

Unit Size: 0.005 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 1/17/2021 v.20.1

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**NBP2-52392-0.005mg**

Recombinant Human Lymphotoxin-alpha/TNF-beta Protein

**Product Information**

<b>Unit Size</b>	0.005 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>90%, by SDS-PAGE
<b>Buffer</b>	PBS (pH 7.4), 10% glycerol
<b>Target Molecular Weight</b>	19.7 kDa

**Product Description**

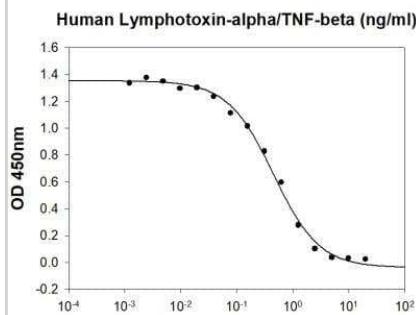
<b>Description</b>	A bioactive recombinant protein with a C-Terminal His-tag and corresponding to the amino acids 35-205 of Human Lymphotoxin-alpha/TNF-beta  <b>Source:</b> <i>Baculovirus</i>  <b>Amino Acid Sequence:</b> ADPLPGVGLT PSAAQTARQH PKMHLAHLSTL KPAAHLLIGDP SKQNSLLWRA NTDRAFLQDG FSLSNNSSLV PTSGIYFVYS QVVFSGKAYS PKATSSPLYL AHEVQLFSSQ YPFHVPLLSS QKMVYPGLQE PWLHSMYHGA AFQLTQGDQL STHTDGIPHL VLSPSTVFFG AFALHHHHHH
<b>Gene ID</b>	4049
<b>Gene Symbol</b>	LTA
<b>Species</b>	Human
<b>Details of Functionality</b>	Measured in a cytotoxicity assay using L-929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is less or equal to 1 ng/ml.
<b>Endotoxin Note</b>	< 1.0 EU per 1 microgram of protein (determined by LAL method)

**Product Application Details**

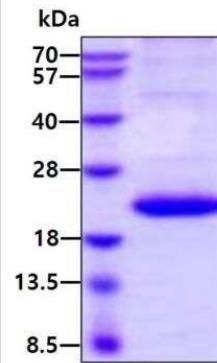
<b>Applications</b>	Functional, SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	Functional, SDS-Page, Bioactivity

## Images

Bioactivity: Recombinant Human Lymphotoxin-alpha/TNF-beta Protein [NBP2-52392] - Human Lymphotoxin-alpha /TNF-beta stimulates cell cytotoxicity in the L-929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The ED<sub>50</sub> range < 1ng/ml.



SDS-Page: Recombinant Human Lymphotoxin-alpha/TNF-beta Protein [NBP2-52392] - 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.





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