

## Tumor Necrosis Factor-beta Human Recombinant, Sf9

<b>Item Number</b>	rAP-0807
<b>Synonyms</b>	Lymphotoxin-alpha, LT-alpha, TNF-beta, Tumor necrosis factor ligand superfamily member 1, LTA, LT, TNFB, TNFSF1.
<b>Description</b>	Tumor Necrosis Factor-beta Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 180 amino acids (35-205a.a.) and having a molecular mass of 19.7kDa (Molecular size on SDS-PAGE will appear at approximately 18-28kDa).TNFB is fused with a 6 amino acids
<b>Uniprot Accession Number</b>	P01374
<b>Amino Acid Sequence</b>	ADPLPGVGLT PSAAQTARQH PKMHLAHSTL KPAAHLIGDP SKQNSLLWRA NTDRAFLQDG FSLS-NNSLLV PTSGIYFVYS QVVFSGKAYS PKATSSPLYL AHEVQLFSSQ YPFHVPLLSS QKMVYPGLQE PWLHSMYHGA AFQLTQGDQL STHTDGIPHL VLSPTVFFG AFALHHHHHH.
<b>Source</b>	Sf9, Baculovirus cells.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	TNFB protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</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 ≤ 1ng/ml.
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**