

Human TNF B Recombinant Protein



RPPB1005

Product Information Protein Information

Product SKU:

RPPB1005

Accession:

P01374

Host:

Sf9, Baculovirus cells.

Protein description:

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 His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Lymphotoxin-alpha, LT-alpha, TNF-beta, Tumor necrosis factor ligand superfamily member 1, LTA, LT, TNFB, TNFSF1.

Formulation:

TNFB protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH7.4) and 10% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

ADPLPGVGLT PSAAQTARQH PKMHLAHLSTL KPAAHLLIGDP SKQNSLLWRA NTDRAFLQDG FLSNNSLLV
PTSGIYFVYS QVVFSGKAYS PKATSSPLYL AHEVQLFSSQ YPFHVPLLSS QKMVYPGLQE PWLHSMYHGA
AFQLTQGDQL STHTDGIPHL VLSPTVFFG AFALHHHHHH.

Biological Activity:

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 ≤ 1 ng/ml.