

# Bovine TNFA Recombinant Protein



RPPB1000

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## Product Information    Protein Information

**Product SKU:**

RPPB1000

**Accession:**

P01375

**Host:**

Escherichia Coli.

**Protein description:**

TNFA Bovine produced in E.Coli is a single, non-glycosylated polypeptide chain containing 158 amino acids (78-234 a.a.) and having a molecular mass of 17.5kDa. TNFA is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

TNF-alpha, Tumor necrosis factor ligand superfamily member 2, TNF-a, Cachectin, DIF, TNFA, TNFSF2.

**Formulation:**

The TNFA (1mg/ml) contains Phosphate buffer 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:**

MLRSSSQASS NKPVAHVVD INSPGQLRWW DSYANALMAN GVKLEDNQLV VPADGLYLIY SQVLFRRGQGC  
PSTPLFLTHT ISRIAVSYQT KVNILSAIKS PCHRETPEWA EAKPWYEPIY QGGVFQLEKG DRLSAEINLP  
DYLDYAESGQ VYFGIIAL.

**Biological Activity:**

The ED50 is < 15 ng/ml and is measured in a cytotoxicity assay using L929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D.