

Rat TNFA Recombinant Protein



RPPB0996

Product Information Protein Information

Product SKU:

RPPB0996

Accession:

P16599

Host:

Escherichia Coli.

Protein description:

TNFA Rat Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 181 amino acids (80-235 a.a) and having a molecular mass of 19.9kDa. TNFA Rat is expressed with an 25 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless liquid.

Synonyms:

Tumor Necrosis Factor-alpha, TNF a His, Cachectin, TNF-alpha, Tumor necrosis factor ligand superfamily member 2, TNF-a, N-terminal fragment, NTF, Intracellular domain 1, Intracellular domain 2, ICD2, C-domain 1, C-domain 2, Tumor necrosis factor, soluble form, Tnfa, Tnfsf2, RATTNF, Tnfa.

Formulation:

TNFA Rat protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4), 10% glycerol and 1mM DTT.

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:

MGSSHHHHHH SGLVPRGSH MSHMLRSSH QNSSDKPVAH VVANHQAEQ LEWLSQRANA
LLANGMDLKD NQLVVPADGL YLIYSQVLFK GQGCPDYVLL THTVSRFAIS YQEKVLLSA IKSPCKDTP
EGAELKPWYE PMYLGGVFQL EKDLLSAEV NLPKYLDITE SGQVYFGVIA L

Biological Activity:

Measured in a cytotoxicity assay using L929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is \leq to 0.2 ng/ml.