

Human TNF α Recombinant Protein



RPPB0989

Product Information Protein Information

Product SKU:

RPPB0989

Accession:

P01375

Host:

Escherichia Coli.

Protein description:

Tumor Necrosis Factor- α Human Recombinant His produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 157 amino acids fragment (77-233) and having a molecular mass of 18.3kDa with an amino-terminal hexahistidine tag. The TNF- α His is purified by standard chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

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

Formulation:

TNF- α His is supplied in 1xPBS.

Purity:

Greater than 97.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized TNF- α in sterile 18M-cm H₂O not less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized TNF- α although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TNF- α should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Biological Activity:

EC50 0.200-0.120ng/ml measured in a metabolic inhibitor actinomycin D assay using L-cells (ATCC CCL-1).