

Recombinant Human TNF- α

CATALOG #: 1050-10 10 μ g
1050-50 50 μ g
1050-1mg 1 mg

LOT #: _____

SOURCE: *E. coli*

PURITY: >98% by SDS-PAGE and HPLC analyses
Endotoxin level is <0.1 ng per μ g of TNF- α .

MOL. WEIGHT: 17.4 kDa

FORMULATION: Lyophilized from a solution of 3 mM Tris, pH 8.0

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or –20°C for future use.

STORAGE CONDITIONS:

The lyophilized TNF- α should be stored desiccated below 0°C. Reconstituted TNF- α should be stored at working aliquots at -20°C.

DESCRIPTION:

Tumor Necrosis Factor- α (TNF- α) is a potent lymphoid factor that exerts cytotoxic effects on a wide range of tumor cells and certain other target cells. Human TNF- α is a 17.4 kDa protein containing 157 amino acid residues.

BIOLOGICAL ACTIVITY:

The ED₅₀ as determined by the cytolysis of murine L929 cells in the presence of actinomycin D is \leq 0.05 ng/ml, corresponding to a specific activity of \geq 2 x 10⁷ units/mg.

NOTE: For Research Use Only! Not to be used in human.

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- Apoptosis siRNA Vectors

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