

Recombinant Murine TNF- α

CATALOG #:	1051-10	10 μ g
	1051-50	50 μ g
	1051-1000	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: 17.5 kDa

FORMULATION: Steriled and lyophilized from 5 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 is best-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. Murine TNF- α is a 17.5 kDa protein containing 156 amino acid residues.

BIOLOGICAL ACTIVITY:

The ED₅₀ as determined by the cytolysis of murine L929 cells in the presence of actinomycin D is \leq 0.1 ng/ml, corresponding to a specific activity of $\geq 1 \times 10^7$ units/mg.

USAGE: For Research Use Only. Not for use in diagnostic or therapeutic procedure.

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