

Active Recombinant Cotton Rat Tnf, Met-tagged

Cat. No. Tnf-391C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cotton Rat Tnf (Accession # AAL18818) Leu1-Leu156, fused with an N-terminal Met, was produced in E. coli-derived.
Species	Cotton Rat
Source	E.coli
ProteinLength	1-156 a.a.
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 µ filtered solution in NaH ₂ PO ₄ , NaCl and EDTA with BSA as a carrier protein.
Bio-activity	Measured in a cytotoxicity assay using L-929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D. Matthews, N. and M.L. Neale (1987) in Lymphokines and Interferons, A Practical Approach. Clemens, M.J. et al. (eds): IRL Press. 221. The ED ₅₀ for this effect is typically 0.03-0.12 ng/mL.
Molecular Mass	Recombinant Cotton Rat Tnf, Met-tagged has a calculated MW of 17.5 kDa.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

Reconstitution

Reconstitute at 25 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name

Tnf tumor necrosis factor [*Rattus norvegicus* (Norway rat)]

Official Symbol

Tnf

Synonyms

Tnf; tumor necrosis factor; tumor necrosis factor; cachectin; tumor necrosis factor (TNF superfamily, member 2); tumor necrosis factor alpha; tumor necrosis factor ligand superfamily member 2

Gene ID

24835

mRNA Refseq

NM_012675

Protein Refseq

NP_036807

MIM
UniProt ID

P16599

**Chromosome
Location**

20p12

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