

RP00816

Leader in Biomolecular Solutions for Life Science



# Recombinant Mouse TNF $\alpha$ Protein

Catalog No.: RP00816 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Mouse	21926	P06804

### Tags

No tag

### Synonyms

DIF; Tnfa; TNF-a; TNFSF2; Tnlg1f; Tnfsf1a; TNFalpha; TNF-alpha;TNF

## Product Information

Source	Purification
<I>E. coli</I>	> 95% by SDS-PAGE.

### Endotoxin

< 1 EU/ $\mu$ g of the protein by LAL method.

### Formulation

Lyophilized from a 0.2  $\mu$ M filtered solution of PBS, pH 7.4Contact us for customized product form or formulation.

### Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in 1X PBS.

## Background

Tumor Necrosis Factor (TNF) is a member of the Tumor Necrosis Factor family. TNF exists as a homotrimer and interacts with SPPL2B. TNF is mainly secreted by macrophages and can induce cell death of certain tumor cell lines. TNF is a key cytokine in the development of several inflammatory disorders. It contributes to the development of type 2 diabetes through its effects on insulin resistance and fatty acid metabolism.

## Basic Information

### Description

Recombinant Mouse TNF  $\alpha$  Protein is produced by <I>E. coli</I> expression system. The target protein is expressed with sequence (Asp89-Leu235) of mouse TNF  $\alpha$  (Accession #P06804) fused with an initial Met at the N-terminus.

### Bio-Activity

### Storage

Store the lyophilized protein at -20°C to -80 °C for long term.<br>After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

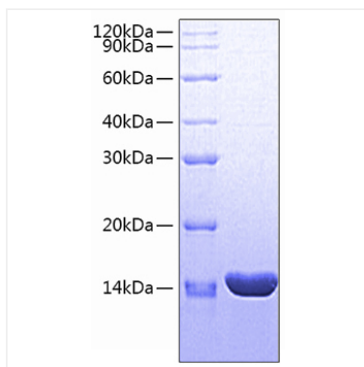
Avoid repeated freeze/thaw cycles.

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Validation Data

---



Recombinant Mouse TNF  $\alpha$  Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.