

# Active Tumor Necrosis Factor Alpha (TNFa)

Catalog No: tcup64



## Available Sizes

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**Size:** 10ug

**Size:** 50ug

**Size:** 200ug



## Specifications

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**Application:**

Cell culture; Activity Assays.

**Species:**

Mus musculus (Mouse)

**Source:**

E. coli

**Purity / Grade:**

> 95%

**Amino Acids:**

Leu80~Leu235

**SwissProt:**

P06804

**Predicted Molecular Weight:**

20.5kDa

**Observed Molecular Weight:**

21kDa

**Tags:**

N-terminal His Tag

## Product Description

Prokaryotic expression

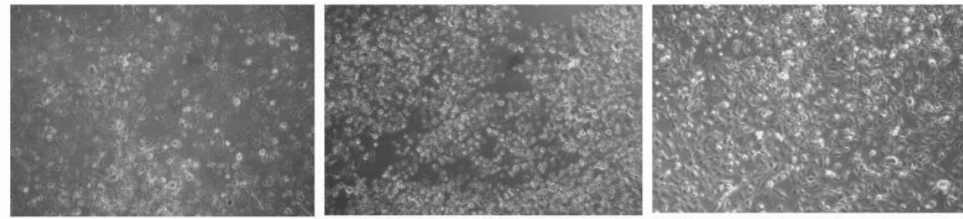
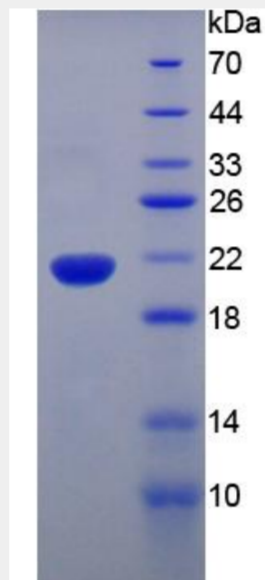


Figure 1. Cell apoptosis of A549 cells after stimulated by TNF $\alpha$ .

- (A) A549 cells cultured in DMEM, stimulated with 1ng/mL TNF $\alpha$  for 48h;  
(B) A549 cells cultured in DMEM, stimulated with 10ng/mL TNF $\alpha$  for 48h;  
(C) A549 cells cultured in DMEM for 48h.

Table 1. ELISA detection of IL-1 $\beta$  expression from A549 cells stimulated by TNF $\alpha$ .

Sample (cell supernatant of A549 cells)	Concentration of IL-1 $\beta$ (ng/mL)
Stimulated with TNF $\alpha$ (1ng/mL)	9.304
Stimulated with TNF $\alpha$ (10ng/mL)	29.064
Unstimulated	1.344



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