

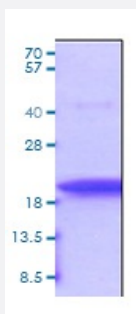
Bioactive

## Tnf (Rat) Recombinant Protein

Catalog # P6958

Size 100 ug

### Applications



### Result of bioactivity analysis

Result of bioactivity analysis

Tnf (Rat) Recombinant Protein stimulates cytotoxicity of the L929 mouse fibroblast cells. The ED50 range  $\leq 0.2$  ng/mL.

### Specification

Product Description	Rat Tnf (NP_038721, 80 a.a. - 235 a.a.) partial recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Host	Rat
Theoretical MW (kDa)	19.9
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 90% by SDS-PAGE
Endotoxin Level	> 1 EU per 1ug of protein (determined by LAL method)

Activity	Measured in a cytotoxicity assay using L929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D. The ED <sub>50</sub> range $\leq$ 0.2 ng/ml.
Quality Control Testing	3 $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (1 mM DTT, 10% glycerol)
Storage Instruction	Stored at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.
Note	Result of bioactivity analysis Result of bioactivity analysis Tnf (Rat) Recombinant Protein stimulates cytotoxicity of the L929 mouse fibroblast cells. The ED50 range $\leq$ 0.2 ng/mL.

## Applications

- SDS-PAGE

## Gene Info — Tnf

Entrez GeneID	<a href="#">24835</a>
Protein Accession#	<a href="#">NP_036807</a>
Gene Name	Tnf
Gene Alias	MGC124630, RATTNF, TNF-alpha, Tnfa
Gene Description	tumor necrosis factor (TNF superfamily, member 2)
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	O
Other Designations	tumor necrosis factor superfamily member 2 tumor necrosis factor superfamily, member 2 tumor necrosis factor alpha tumor necrosis factor superfamily, member 2 tumor necrosis factor, alpha (cachectin) tumor necrosis factor-alpha