

Bioactive

# Tnf (Mouse) Recombinant Protein

Catalog # P4370

Size 20 ug

## Specification

Product Description	Mouse Tnf (P06804, 80 a.a. - 235 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	LRSSSQNSSDKPVAHVVANHQVEEQLEWLSQRANALLANGMDLKDNLVVPADGLYLVYSQVL FKGQGCPDYVLLTHTVSRFAISYQEKVNLLSAVKSPCPKDTPEGAELKPWYEPMLGGVFQLEKG DQLSAEVNLPKYLDFAESGQVYFGVIAL
Host	Escherichia coli
Theoretical MW (kDa)	17
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Ion exchange column and HPLC reverse phase column
Purity	> 90% by SDS-PAGE and HPLC
Endotoxin Level	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Activity	The ED <sub>50</sub> was determined by cytolysis of murine L929 cells in the presence of Actinomycin D is ≤ 0.05 ng/mL, corresponding to a specific activity of ≥ 3 x 10 <sup>7</sup> units/mg.
Storage Buffer	Lyophilized from PBS, pH 7.0
Storage Instruction	Store at -20°C on dry atmosphere for 2 years. After reconstitution with deionized water, store at 4°C for 1 month or store at -20°C for 6 months. Aliquot to avoid repeated freezing and thawing.

## Applications

- Functional Study

- SDS-PAGE

## Gene Info — Tnf

Entrez GeneID	<a href="#">21926</a>
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Protein Accession#	<a href="#">P06804</a>
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Gene Name	Tnf
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Gene Alias	DIF, MGC151434, TNF-alpha, TNFSF2, TNFalpha, Tnfa, Tnfsf1a
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Gene Description	tumor necrosis factor
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Gene Ontology	<a href="#">Hyperlink</a>
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Other Designations	TNF alpha tumor necrosis factor alpha tumor necrosis factor-alpha
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