

Bioactive

# Tnf (Rat) Recombinant Protein

Catalog # P7312

Size 10 ug

## Specification

Product Description	Rat Tnf (P16599, 80 a.a. - 235 a.a.) partial recombinant protein expressed in <i>Pichia pastoris</i> .
Sequence	MLRSSSQNSSDKPVAHVVANHQVEEQLEWLSQRANALLANGMDLKDNQLVVPADGLYLVSQV LFKGQGCPDYVLLTHTVSRFAISYQEKVNLLSAVKSPCKDTPEGAELKPWYEPMLGGVFQLEK GDQLSAEVNLPKYLDFAESGQVYFGVIAL
Host	Yeast
Theoretical MW (kDa)	17.4
Form	Lyophilized
Preparation Method	<i>Pichia pastoris</i> expression system
Purity	> 95% as analyzed by SDS-PAGE. > 95% as analyzed by HPLC.
Endotoxin Level	< 0.2 EU/μg of protein by gel clotting method
Activity	ED <sub>50</sub> < 50.0 pg/mL, measured in a cytotoxicity assay using mouse L-929 cells in the presence of actinomycin D, corresponding to a specific activity of > 2.0 × 10 <sup>7</sup> units/mg.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS. Reconstitute the lyophilized powder in ddH <sub>2</sub> O up to 100 ug/mL.
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Functional Study

- SDS-PAGE

## Gene Info — Tnf

Entrez GeneID	<a href="#">24835</a>
Protein Accession#	<a href="#">P16599</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