

**Tnf, 80-235aa, Rat, His tag, E.coli**

**Cat.NO.: TP04238**

---

3th Edition

**Synonyms:**Tumor necrosis factor, RATTNF, TNF-alpha, Tnfa

**Description:**Tnf also known as Tumor necrosis factor. The Protein acts as a cytokine binds TNF receptors plays a role in regulation of cell proliferation, induction of apoptosis, and inflammatory response. Recombinant rat Tnf, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate Buffer Saline (pH7.4) containing 10% glycerol, 1mM DTT

**Molecular Weight:**19.9kDa (181aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSHMLRSSSQNSSDKPVAHVVANHQAEQLEWLSQRANALLANGMDLKDNL  
VVPADGLYLIYSQVLFKGGQCPDYVLLTHTVSRFAISYQEKVSLLSAIKSPCKDTPEGAELKPWYEPMYLGGVFQL  
EKGDLLSAEVNLPKYLDITESGQVYFGVIAL

**Purity:**> 95% by HPLC

**Concentration:**1mg/ml (determined by Absorbance at 280nm)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.