

AR51948PU-N

Rat Tumor necrosis factor (TNF-alpha) (80-235, His-tag) - Purified

Alternate names:	Cachectin, TNF, TNF-a, TNFA, TNFSF2, Tumor necrosis factor ligand superfamily member 2
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by absorbance at 280nm)
Background:	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.
Uniprot ID:	P16599
NCBI:	NP_036807
Species:	Rat
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: Phosphate Buffer Saline (pH7.4) containing 10% glycerol, 1mM DTT.
Description:	Recombinant rat Tnf, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMLRSSH QNSSDKPVAH VVANHQAEQ LEWLSQRANA LLANGMDLKD NQLVVPADGL YLIYSQVLFK GQGCPDYVLL THTVSRFAIS YQEKVSLLSA IKSPCKDTP EGAELKPWYE PMYLGGVFQL EKGDLLEAEV NLPKYLDITE SGQVYFGVIA L Molecular weight: 19.9 kDa (181aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Furuya T., et al. (2001) Genes Immun. 2:229-232. Warle M.C., et al. (2005) Transpl. Immunol. 14:77-82.

Pictures:

