

Bioactive

Tnf (Rat) Recombinant Protein

Catalog # P9229

Size 2 x 10 ug

Specification

Product Description	Rat Tnf partial recombinant protein with His tag in C-terminus expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMLRSSSQNSSDKPVAHVVANHQAEQLEWLSQRANALL ANGMDLKDNQLVVPADGLYLISQVLFKGGQCPDYVLLTHTVSRFAISYQEKVSLLSAIKSPCPKD TPEGAELKPWYEPMYLGGVFQLEKGDLLSAEVNLPKYLDITESGQVYFGVIAL
Host	Escherichia coli
Theoretical MW (kDa)	19.9
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatographic
Purity	> 95% as determined by SDS-PAGE.
Activity	ED ₅₀ < 0.2 ng/mL, measured in a cytotoxicity assay using L929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D.
Storage Buffer	Solution (1 mg/mL) containing 1X PBS, pH 7.4, 10% glycerol, 1 mM DTT.
Storage Instruction	Store at 4°C for 2-4 weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

Gene Info — Tnf

Entrez GeneID	24835
Protein Accession#	P16599
Gene Name	Tnf
Gene Alias	MGC124630, RATTNF, TNF-alpha, Tnfa
Gene Description	tumor necrosis factor (TNF superfamily, member 2)
Gene Ontology	Hyperlink
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