

Recombinant Rat TNFa

Source

Species	Rattus norvegicus (Rat)
Accession Number	P16599
Gene Symbol	TNFA
Expressed Region	Gly57-Leu235
Synonyms	Tumor necrosis factor, Cachectin, TNF-alpha, Tumor necrosis factor ligand superfamily member 2, TNF-a, Tumor necrosis factor, membrane form, N-terminal fragment, NTF, Intracellular domain 1, ICD1, Intracellular domain 2, ICD2, C-domain 1, C-domain 2, Tumor necrosis factor, soluble form.

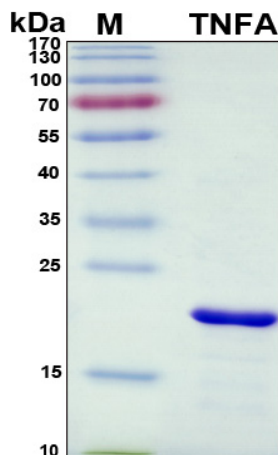
Preparation

Expression System	Escherichia coli (E.coli)
Tag	N-terminal histidine tag
Purification	His-tag affinity purification by immobilized metal ion affinity chromatography (IMAC)
Purity	>90 %
Purity Determined By	SDS-PAGE under reducing conditions and visualized by Coomassie blue staining
Molecular Weight	20

Protein Specifications

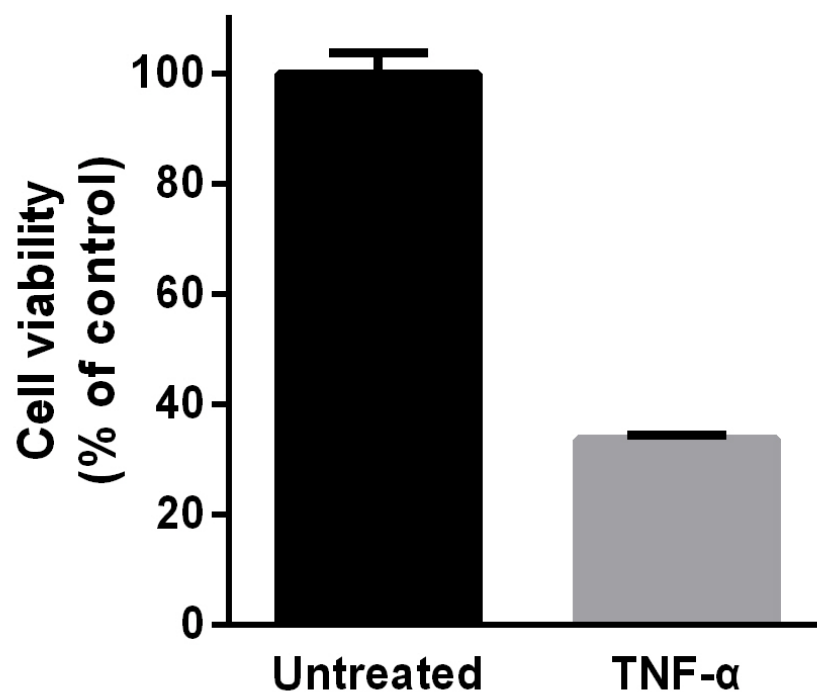
Format	Liquid
Formulation	Filtered solution in 20 mM NaH ₂ PO ₄ (pH 7.4), 0.5 M NaCl, 800 mM imidazole, 10% glycerol.
Concentration	Lot specific (see the label on the vial), determined by Bradford protein assay.

SDS-PAGE Image



Activity

Decreasing cell viability significantly. Measured in a cytotoxicity assay using MCF7 human breast cancer cells.



Shipping

Ice packs

Storage/Stability

Upon arrival, the protein may be stored for 2 weeks at 4 °C. For long term storage, it is recommended to store at -20 °C or -80 °C in appropriate aliquots. Avoid repeated freeze-thaw cycles.

This product is furnished for LABORATORY RESEARCH USE ONLY.

Not for diagnostic or therapeutic use.