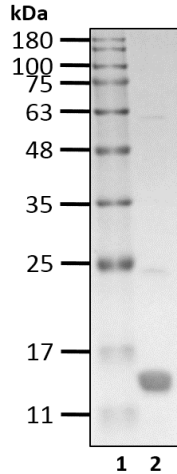


TNFalpha

Cat. # U1120

Also Known as: TNF; DIF; TNFA; TNFSF2; TNF-alpha
NCBI Reference: NM_000594.3
MW (no tag): 25.6 kDa
Species: Human
Source: Bacterial recombinant
Tag: No
Stock Buffer: 20 mM Tris, 150 mM NaCl, 2 mM β ME, 10% Glycerol
Concentration: See tube label
Quality Assurance: ~85% by SDS-PAGE

Image



Coomassie-stained SDS-PAGE
Lane 1: Molecular weight markers
Lane 2: 5 μ g purified TNFalpha

Description: TNFalpha (Tumor necrosis factor alpha) is produced by immune and epithelial cells. It plays important roles in regulating inflammation, apoptosis, and immune response. It exerts its function mainly by binding of two cell surface receptors TNFR1 and TNFR2. Treating cells with TNFalpha activates the NFkappaB, MAPK, and death signaling pathways. The recombinant TNFalpha protein consists of the extracellular domain (amino acids 77-233) of full length TNFalpha. It induces apoptosis of various cancer cells at the concentration of 10-100 ng/mL + 1 μ g/mL cycloheximide (a protein translation inhibitor). It is generated from GST-TNFalpha (catlog # U1130) by removal of the N-terminal GST tag.

Storage: Store at -80°C; avoid multiple freeze-thaw cycles

