

Active Recombinant Bovine TNF protein, His-tagged

Cat. No. TNF-5643B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Bovine TNF protein(Q06599)(71~234 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Bovine
Source	E.coli
ProteinLength	71-234 aa
Form	Lyophilized from sterile PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Bio-activity	Tumor necrosis factor (TNF, tumor necrosis factor alpha, TNF α , cachexin, or cachectin) is a cell signaling protein (cytokine) involved in systemic inflammation and is one of the cytokines that make up the acute phase reaction. The primary role of TNF is in the regulation of immune cells. TNF, being an endogenous pyrogen, is able to induce fever, apoptotic cell death, cachexia, inflammation and to inhibit tumorigenesis and viral replication and respond to sepsis via IL1.
Molecular Mass	21.9kDa
Endotoxin	<1.0EU per 1 μ g (determined by the LAL method).
Purity	> 95% as determined by SDS-PAGE.

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Storage

Avoid repeated freeze/thaw cycles. Store at -20°C for 12 months. Aliquot and store at -80°C for 12 months.

Reconstitution

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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