

Active Recombinant Dog TNF protein, His-tagged

Cat. No. TNF-558D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Dog TNF protein(P51742)(63~233 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Dog
Source	E.coli
ProteinLength	63-233 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	17.7kDa
Endotoxin	<1.0EU per 1 μ g (determined by the LAL method).
Purity	> 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

GENE INFORMATION
Gene Name

TNF tumor necrosis factor [*Canis lupus familiaris*]

Official Symbol

TNF

Synonyms

TNF; tumor necrosis factor; TNF-a; TNF-alpha; cachectin; tumour necrosis factor; tumor necrosis factor alpha; tumor necrosis factor (TNF superfamily, member 2); tumor necrosis factor ligand superfamily member 2; TNFA; cTNF;

Gene ID

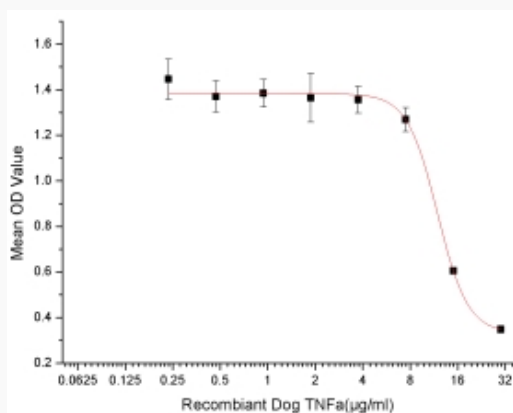
403922

mRNA Refseq

NM_001003244

Protein Refseq

NP_001003244

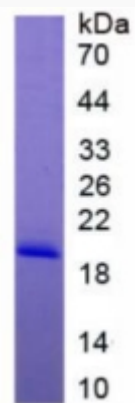
Activity


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SDS-PAGE



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