

## Recombinant Goat TNF Protein, His-tagged

Cat. No. TNF-432G Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Goat TNF Protein (Arg79-Leu234) with N-His tag was expressed in E. coli.
<b>Species</b>	Goat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Arg79-Leu234
<b>Description</b>	Cytokine that binds to TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. It is mainly secreted by macrophages and can induce cell death of certain tumor cell lines. It is potent pyrogen causing fever by direct action or by stimulation of interleukin-1 secretion and is implicated in the induction of cachexia, Under certain conditions it can stimulate cell proliferation and induce cell differentiation.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 20.8 kDa Accurate Molecular Mass: 20 kDa
<b>Purity</b>	> 97%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

TNF tumor necrosis factor [ *Capra hircus* (goat) ]

**Official Symbol**

TNF

**Synonyms**

TNF; tumor necrosis factor; TNFA; TNF-a; TNFSF2; Cachectin; TNF-alpha; tumor necrosis factor; TNF alpha; tumor necrosis factor alpha; tumor necrosis factor ligand superfamily member 2; tumour necrosis factor alpha

**Gene ID**

100861232

**mRNA Refseq**

NM\_001286442

**Protein Refseq**

NP\_001273371

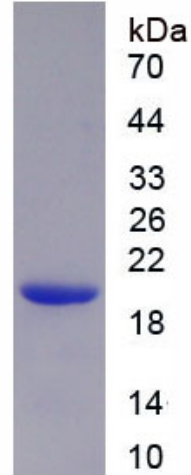
**UniProt ID**

P13296

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