

Recombinant Sheep TNF protein, His & T7-tagged

Cat. No. TNF-562S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Sheep TNF aa. (Leu78~Leu234 (Accession # P23383)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Sheep
Source	E.coli
ProteinLength	Leu78~Leu234
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21 kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>97%
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C 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	Store at 4°C for short time storage (1-2 weeks). Aliquot and store at -20°C or -80°C

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for long term storage. Avoid repeated freeze/thaw cycles.

Storage buffer Supplied as lyophilized form in PBS, pH 7.4.

Reconstitution Reconstitute in PBS.

GENE INFORMATION

Gene Name TNF tumor necrosis factor [*Ovis aries* (sheep)]

Official Symbol TNF

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

Gene ID 443540

mRNA Refseq NM_001024860.1

Protein Refseq NP_001020031.1

UniProt ID P23383

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