

Recombinant Horse TNF protein, His & T7-tagged

Cat. No. TNF-559H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Horse TNF aa. (Leu78~Leu234 (Accession # P29553)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Horse
Source	E.coli
ProteinLength	Leu78~Leu234
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 20.9kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.8.
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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

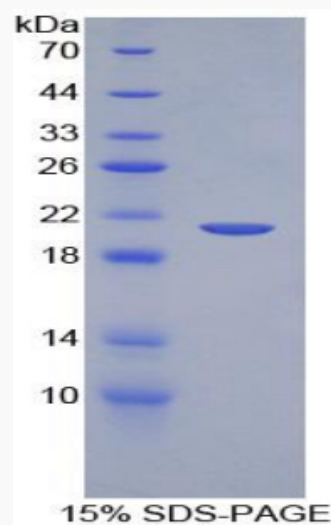
Gene Name	TNF tumor necrosis factor [<i>Equus caballus</i> (horse)]
Official Symbol	TNF
Synonyms	TNF; TNFA; TNF-a; TNFSF2; TNF-alpha; tumor necrosis factor; cachectin; tumor necrosis factor (TNF superfamily, member 2); tumor necrosis factor ligand superfamily member 2; tumor necrosis factor-alpha
Gene ID	100033834
mRNA Refseq	NM_001081819.2
Protein Refseq	NP_001075288.2
UniProt ID	P29553

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SDS-PAGE



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