

Active Recombinant Horse TNF protein, His-tagged

Cat. No. TNF-5512H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Horse TNF protein(P29553)(78~234 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Horse
Source	E.coli
ProteinLength	78-234 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	20.8kDa
Endotoxin	<1.0EU per 1 μ g (determined by the LAL method).
Purity	> 90% 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.

GENE INFORMATION

Gene Name TNF tumor necrosis factor [*Equus caballus*]

Official Symbol TNF

Synonyms TNF; tumor necrosis factor; TNF-alpha; cachectin; tumor necrosis factor-alpha; tumor necrosis factor (TNF superfamily, member 2); tumor necrosis factor ligand superfamily member 2; TNFA; TNF-a; TNFSF2;

Gene ID 100033834

mRNA Refseq NM_001081819

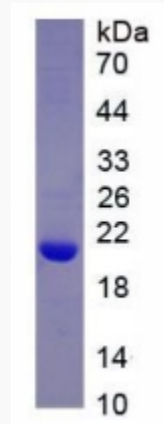
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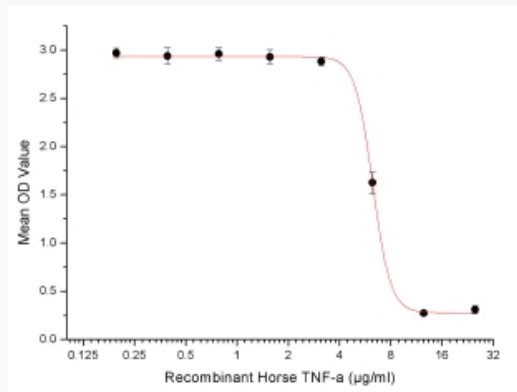
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SDS-PAGE



Activity



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