

## Active Recombinant Canine TNF protein, His-tagged

Cat. No. TNF-1609C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Canine TNF protein(Ser22-Thr338), fused with His tag, was expressed in HEK293.
<b>Species</b>	Canine
<b>Source</b>	HEK293
<b>ProteinLength</b>	22-338 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
<b>Bio-activity</b>	Immobilized Canine IL-13 R alpha 2, His Tag at 1 µg/mL (100 µL/well) can bind Monoclonal Anti-IL-13 R alpha 2 Antibody, Mouse IgG1 with a linear range of 0.2-2 ng/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 40.3 kDa. The protein migrates as 45-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Ser22-Thr338
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by reduced SDS-PAGE. >90% as determined by SEC-MALS.

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**Storage**

For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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