

# Recombinant Rabbit TNF- $\alpha$ protein (His Tag)

Catalog Number: PDEO100022

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

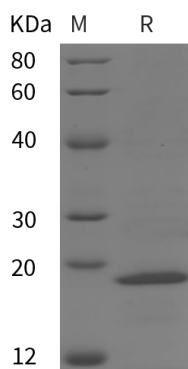
## Description

<b>Species</b>	Rabbit
<b>Mol_Mass</b>	17.1 kDa
<b>Accession</b>	P04924
<b>Bio-activity</b>	Not validated for activity

## Properties

<b>Purity</b>	> 95% as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 10 EU/mg of the protein as determined by the LAL method
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 $\mu$ m filtered solution in PBS with 5% Trehalose and 5% Mannitol.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

Tumor necrosis factor alpha (TNF $\alpha$ ) is the prototypic ligand of the TNF superfamily. TNF $\alpha$  forms a homotrimer and functions by activating two types of receptors TNF-R1 (TNF receptor type 1, p55R) and TNF-R2 (TNF receptor type 2, p75R). TNF $\alpha$  is a pleiotropic cytokine that is capable to promote inflammation, to induce apoptotic cell death, and to inhibit tumorigenesis and viral replication. TNF $\alpha$  is a potent lymphoid factor that exerts cytotoxic effects on a wide range of tumor cells and certain other target cells.

## For Research Use Only