

Human TNF $\alpha$  Protein, His Tag

Catalog No: #AP89582

Package Size: #AP89582-1 10ug #AP89582-2 100ug

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

|                       |  |
|-----------------------|--|
| Product Name          | Human TNF $\alpha$ Protein, His Tag  |
| Host Species          | HEK293   |
| Purification          | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.               |
| Species Reactivity    | Human  |
| Immunogen Description | TNF $\alpha$ (Val77-Leu233)+6&#8800;His tag  |
| Other Names           | DIF,TNF-alpha,TNFA,TNFSF2,cachexin,cachectin,TNF $\alpha$  |
| Calculated MW         | 18.1 kDa   |
| Tag Info              | C-6&#8800;His tag  |
| Formulation           | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 62 % trehalose is added as protectants before lyophilization. |
| Storage               | Store at -80°C for 12 months (Avoid repeated freezing and thawing)   |

## Images

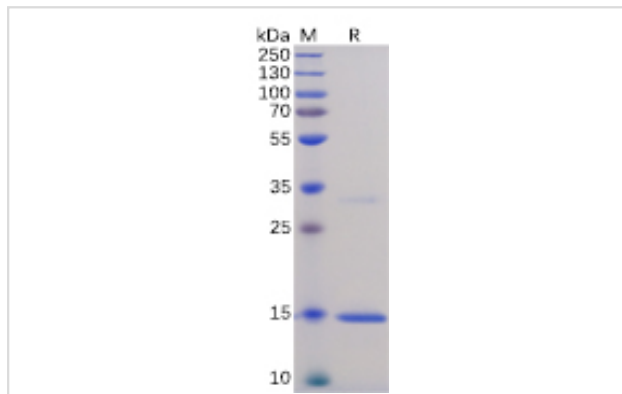


Figure 1. Human TNF $\alpha$  Protein, His Tag on SDS-PAGE under reducing condition.

## Product Description

Expression Region:600Research Topic:This gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. This cytokine is mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. This cytokine has been implicated in a variety of diseases, including autoimmune diseases, insulin resistance, and cancer. Knockout studies in mice also suggested the neuroprotective function of this cytokine.

Note: This product is for in vitro research use only