

TNF-alpha, recombinant human protein

## Chemical Properties

CAS No.:	T23463
Formula:	N/A
Molecular Weight:	N/A
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

## Biological Description

Description	TNF- $\alpha$ is a potent cytokine expressed as a 26 kDa transmembrane protein with 233 aa that is cleaved to the soluble 17 kDa monomer by TNF- $\alpha$ converting enzyme (TACE) and forms stable homotrimers.
In vitro	TNF- $\alpha$ is expressed in many cells and plays an important role in inflammation, immune modulation, septic shock, viral replication, antitumor activity, anorexia, cachexia, and hematopoiesis. TNF- $\alpha$ is chiefly produced by macrophages when challenged with viruses or bacteria. TNF- $\alpha$ is cytotoxic for many tumor cell lines but induced activation, differentiation, or proliferation in normal cells. Tumor necrosis factor receptor TNFR1 and TNFR2 are receptors for TNF- $\alpha$ .

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

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