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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TNF (Human) Recombinant Protein

Catalog Number: P9221

Regulation Status: For research use only (RUO)

Product Description: Human TNF recombinant protein expressed in *Escherichia coli*.

Sequence:

MVRSSSRTPSDKPVAVHVVANPQAEGQLQWLNRRANA
LLANGVELRDNLVVPSEGLYLIYSQVLFKGGQCPSTH
VLLTHTISRIVSYQTKVNLLSAIKSPCQRETPEGAEAK
PWYEPIYLGGVFQLEKGDRLSAEINRPDYLDFAESGQ
VYFGIIAL

Host: *Escherichia coli*

Theoretical MW (kDa): 17.5

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Form: Lyophilized

Preparation Method: *Escherichia coli* expression
system

Purification: chromatographic

Purity: > 97% as determined by (a) RP-HPLC.(b) SDS-
PAGE.

Activity: The Specific Activity ? 5.0×10^7 IU/mg as
determined by the cytolysis of murine L929 cells in the
presence of Actinomycin D.

Storage Buffer: Protein(1 mg/mL) was lyophilized from
a solution containing 20 mM PB, pH 7.2, 100 mM NaCl .
Reconstitute the lyophilized powder in ddH₂O to 100
ug/mL.

Storage Instruction: Lyophilized protein at room
temperature for 3 weeks, should be stored at -20°C.
Protein aliquots at 4°C for 2-7 days and should be stored
at -20°C to -80°C. For long term storage it is
recommended to add a carrier protein (0.1% HSA or
BSA).
Avoid repeated freeze/thaw cycles.

Entrez GeneID: 7124

Gene Symbol: TNF

Gene Alias: DIF, TNF-alpha, TNFA, TNFSF2

Gene Summary: 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/TNFR2. 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. [provided by RefSeq]