

Human Tumor Necrosis Factor (TNF) Protein (Active)

Catalogue No.: abx263500

Human Tumor Necrosis Factor-alpha Protein is a recombinant cytokine expressed in E. coli.

Target:	Tumor Necrosis Factor (TNF)
Origin:	Human
Expression:	Recombinant
Tested Applications:	SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Activity:	Active
Biological Activity:	Specific Activity: $\geq 5 \times 10^7$ IU/mg. Determined by the cytolysis of murine L929 cells in the presence of Actinomycin D.
Purity:	> 95% (SDS-PAGE and RP-HPLC)
Purification:	Purified by standard chromatographic techniques.
Reconstitution:	Reconstitute in sterile 18 MΩ · cm water to a concentration of at least 0.1 mg/ml. This stock solution can be further diluted if required.
Storage:	Stable at room temperature for up to 3 weeks. Store below -18 °C for long-term storage. Upon reconstitution, store at 4 °C for up to 7 days and store below -18 °C for long-term storage. For long-term storage, it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P01375 (UniProt , ExPASy)
Gene Symbol:	TNF
GeneID:	7124
OMIM:	191160
HGNC:	11892

Datasheet

Version: 3.0.0
Revision date: 04 Oct 2025



KEGG: hsa:7124

Ensembl: ENSG00000232810

String: [9606.ENSP00000398698](#)

Molecular Weight: 17.5 kDa

Sequence Fragment: Met + 157 AA of mature Human TNFA.

Sequence: MVRSSSRTPS DKPVAHVVAN PQAEGQLQWL NRRANALLAN GVELRDNQLV VPSEGLYLIY
SQVLFGKQGC PSTHVLLTHT ISRIAVSYQT KVNLLSAIKS PCQRETPEGA E AKPWYEPIY
LGGVFQLEKG DRLSAEINRP DYLDFAESGQ VYFGIIAL.

Buffer: Prior to lyophilization: 20 mM PBS, pH 7.2, containing 100 mM NaCl.

Concentration: Prior to lyophilization: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC
OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.