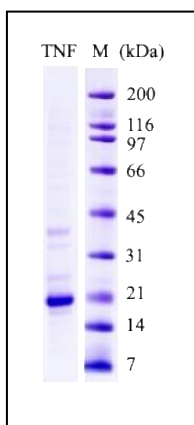


Recombinant TNF α (c157) Protein

Catalog Number	Size
AG1141-10	10ug
AG1141-25	25ug
AG1141-B	Bulk

Description



The mature tumor necrosis factor (TNF 77-233) protein was expressed in the E coli system and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 177 (20+157) amino acids with an 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 20kDa.

```
MHHHHHHRRASVEDVVCCSMVRSSSRTPSDKPVAHVVANPQAEGLQWLN
RRANALLANGVELRDNLVVPSEGLYLIYSQVLFKGQGPCSTHVLTTHTI
SRIAVSYQTKVNLLSAIKSPCQRRPRGG-
```

Accession Number

NM_000594

Molecular Mass

Approximately 20kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

TNF (or TNF α) protein is a cytokine protein involved in the regulation of different biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. The recombinant TNF protein (aa77-233) can be used for the studies of transcription assays, protein-protein interactions, and other related function assays.

Formulation

20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.

Storage

The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. **(Avoid repeated freeze-thaw cycle)**

FOR RESEARCH USE ONLY!!!