

TNF-alpha, human recombinant protein
TNF, Tumor necrosis factor- alpha
Catalog # PBV10007r**Specification**

TNF-alpha, human recombinant protein - Product info

Primary Accession [P01375](#)
Calculated MW **17.4 kDa**

TNF-alpha, human recombinant protein - Additional Info

Gene ID **7124**
Gene Symbol **TNFA**
Other Names
Tumor necrosis factor, Cachectin, TNF-alpha, Tumor necrosis factor ligand superfamily member 2

Gene Source **Human**
Source **E.coli**
Assay&Purity **SDS-PAGE; ≥98%**
Assay2&Purity2 **HPLC; ≥98%**
Recombinant **Yes**
Target/Specificity
TNF-alpha

Application Notes

Reconstitute in H₂O to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

Format

Lyophilized powder

Storage

-20°C; Lyophilized from a solution of 3 mM Tris, pH 8.0

TNF-alpha, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TNF-alpha, human recombinant protein - Images

TNF-alpha, human recombinant protein - Background

Tumor Necrosis Factor- α (TNF- α) is a potent lymphoid factor that exerts cytotoxic effects on a wide range of tumor cells and certain other target cells. Human TNF- α is a 17.4 kDa protein containing 157 amino acid residues.

TNF-alpha, human recombinant protein - References

Nedospasov S.A.,et al.Cold Spring Harb. Symp. Quant. Biol. 51:611-624(1986).
Pennica D.,et al.Nature 312:724-729(1984).
Shirai T.,et al.Nature 313:803-806(1985).
Nedwin G.E.,et al.Nucleic Acids Res. 13:6361-6373(1985).
Wang A.M.,et al.Science 228:149-154(1985).