

## Recombinant Tumor Necrosis Factor Alpha (TNF $\alpha$ )

Catalog No.: TP04240

50 $\mu$ g

### Sequence Information

**Species:** Mouse

**Gene ID:**21926

**Swiss Prot:**P06804

**Synonyms:**DIF; TNF-A; TNFSF2; Cachectin;  
Tumor Necrosis Factor Ligand  
Superfamily Member 2

**Residues:**Leu80~Leu235

LRSSSQNSSDKPVAHVVANHQVEEQLEWLSQRANALLANGMDLKDNQLVVPADG

LYLVYSQVLFKQGCPDYVLLTHTVSRFAISYQEKVNLLSAVKSPCKDTPEGA

ELKPWYEPIYLGGVFQLEKGDQLSAEVNLPKYLDFAESGQVYFGVIAL

### Product Information

**Source:** Prokaryotic expression.

**Host:** *E. coli*

**Tags:**N-terminal His Tag

**Subcellular Location:** Membrane, Secreted.

**Purity:** >95%

**Traits:** Freeze-dried powder

**Buffer formulation:**PBS, pH7.4, containing 0.1% SKL, 5% Trehalose.

**Original Concentration:** 400 $\mu$ g/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 6.0

**Predicted Molecular Mass:** 20.5kDa

**Accurate Molecular Mass:** 20kDa as determined by SDS-PAGE reducing conditions.

### [ USAGE ]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

### [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was





The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.