RPA133Mu01 10µg

Recombinant Tumor Necrosis Factor Alpha (TNFα)

Organism Species: *Mus musculus* (Mouse)

*Instruction manual*

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)
[ PROPERTIES ]

Source: Prokaryotic expression

Host: E.coli

Residues: Leu80~Leu235

Tags: N-terminal His Tag

Subcellular Location: Membrane, Secreted

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Original Concentration: 200µg/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 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 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 determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
**SEQUENCE**

L RS5SQNSSDK PVAHVANHQ
VEEQLEWLSD RANALLANGM DLKDNQLVVP ADGLFYVYSQ VLFKQGCPD
YVLLHTHTSR FAISYQEKVN LLSAVKSCP KDTPEGAELK PWYEPYILGG
VFQLEKGDQL SAEVNLPKYL DFAESQQVF GVIAL

**IDENTIFICATION**

Figure. Gene Sequencing (extract)

![Gene Sequencing](image)

Figure. SDS-PAGE

**IMPORTANT NOTE**

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