EPA133Mu61 100ug

Eukaryotic Tumor Necrosis Factor Alpha (TNFa)
Organism Species: Mus musculus (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

11th Edition (Revised in May, 2016)

[ PROPERTIES ]

Source: Eukaryotic expression.
Host: 293F cell
Residues: Gly57~Leu235
Tags: N-terminal His Tag
Homology: Human 79%, Rat 95%
Tissue Specificity: Liver.
Subcellular Location: Secreted. Cell membran
Purity: >90%
Endotoxin Level: <1.0EU per 1μg (determined by the LAL method).
Traits: Freeze-dried powder
Buffer Formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5%Trehalose and Proclin300.
Original Concentration: 200ug/mL
Predicted isoelectric point: 5.0
Predicted Molecular Mass: 21.4kDa
Accurate Molecular Mass: 24kDa as determined by SDS-PAGE reducing conditions.
Applications: SDS-PAGE; WB; ELISA; IP; CoIP; EMSA; Reporter Assays; Purification; Amine Reactive Labeling.
(May be suitable for use in other assays to be determined by the end user.)
**[ 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 ]**

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GPQR DEKFPNGLPL ISSMAQTLTL RSSSQNSSDK PVAVHVVANHQ VEEQLEWLSQ RANALLANGM DLKDNQLVVP ADGLYLVYSQ VLFKGQGCED YVLLHTVSVR FAISYQEKVN LLSAVKSPCP KDTPEGAEKL PWYEPIYLGG VFLQEKGDQL SAEVNLPKYL DFAESGQVYF GVIAL
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**[ IDENTIFICATION ]**

Figure 1. Gene Sequencing (extract)
Figure 2. SDS-PAGE