RPA133Ov01 10μg

Recombinant Tumor Necrosis Factor Alpha (TNFa)

Organism Species: *Ovis aries; Ovine (Sheep)*

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Leu78~Leu234

Tags: N-terminal His Tag

Subcellular Location: Membrane, Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 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: 6.8

Predicted Molecular Mass: 21.0kDa

Accurate Molecular Mass: 18kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC 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]

LRS SSQASNNKPV AHVVANISAP
GQLRWGDSYA NALMANGVEL KDNQLVVPTD GLYLIYSQVL FRGHGCPSTP
LFLTHTISRI AVSYQTKVNI LSAIKSPCHR ETLEGAEAKP WYEPIYQGGV
FQLEKGDRLS AEINLPEYLD YAESGQVYFG IIAL

[IDENTIFICATION]

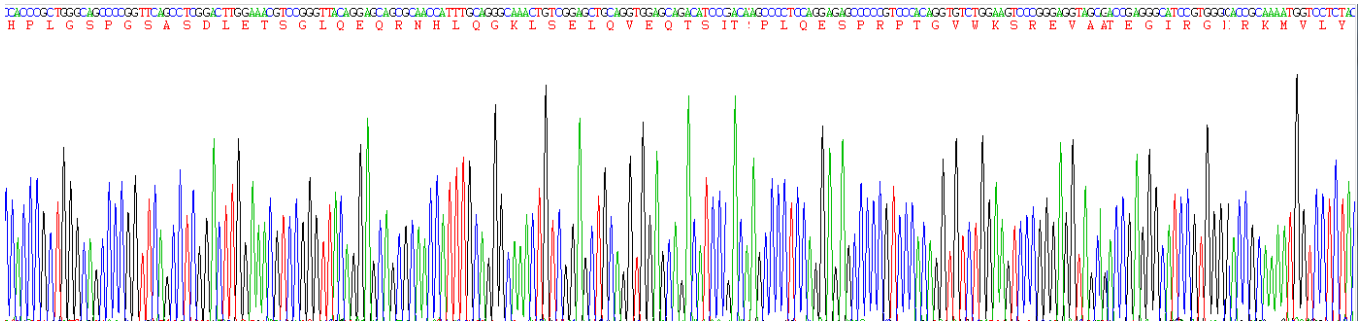
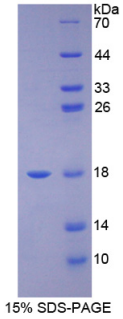


Figure. Gene Sequencing (Extract)



15% SDS-PAGE

[IMPORTANT NOTE]

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.