Recombinant Tumor Necrosis Factor Alpha (TNFa) Instruction Manual

SIPA083Ov01

Ovis aries; Ovine (Sheep)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular Location Membrane, Secreted

Predicted Molecular Mass 21.0kDa

Accurate Molecular Mass 18kDa(Analysis of differences refer to the manual)

Residues & Tags Leu78~Leu234 with N-terminal His Tag

Buffer Formulation PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5%

Trehalose and Proclin300.

Traits Freeze-dried powder

Purity > 90% Isoelectric Point 6.8

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

SEQUENCE

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

USAGE

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

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image

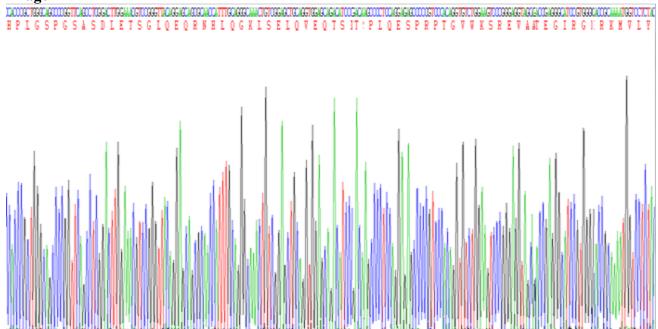


Figure. Gene Sequencing (Extract)

Image

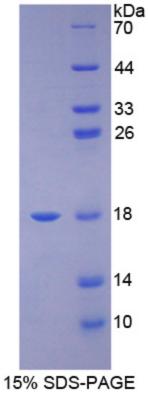


Figure. SDS-PAGE

[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.