

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

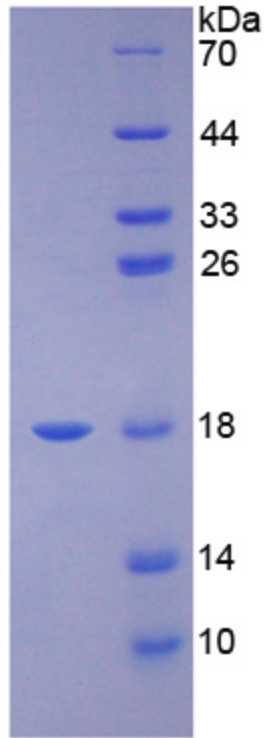
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                LRS SSQASNNKPV AHVVANISAP  
GQLRWGDSYA NALMANGVEL KDNQLVVPTD GLYLIYSQVL FRGHGCPSTP  
LFLTHTISRI AVSYQTKVNI LSAIKSPCHR ETLEGAEAKP WYEPIYQGGV  
FQLEKGDRLS AEINLPEYLD YAESGQVYFG IIAL
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USAGE

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.



15% SDS-PAGE

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.