Recombinant Nuclear Factor Kappa B (NFkB) Instruction Manual

SIPB354Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1μg
Subcellular Location	Nucleus, Cytoplasm
Predicted Molecular Mass	40.6kDa
Accurate Molecular Mass	39kDa(Analysis of differences refer to the manual)
Residues & Tags	Pro42~Met367 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	8.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

PYLQILEQP
KQRGFRFRYV CEGPSHGGLP GASSEKNKKS YPQVKICNYV GPAKVIVQLV
TNGKNIHLHA HSLVGKHCED GICTVTAGPK DMVVGFANLG ILHVTKKKVF
ETLEARMTEA CIRGYNPGLL VHPDLAYLQA EGGGDRQLGD REKELIRQAA
LQQTKEMDLS VVRLMFTAFL PDSTGSFTRR LEPVVSDAIY DSKAPNASNL
KIVRMDRTAG CVTGGEEIYL LCDKVQKDDI QIRFYEEEEN GGVWEGFGDF
SPTDVHRQFA IVFKTPKYKD INITKPASVF VQLRRKSDLE TSEPKPFLYY
PEIKDKEEVQ RKRQKLM

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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

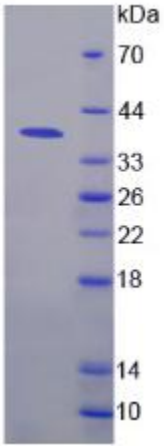

Figure. SDS-PAGE

[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.