Recombinant Nuclear Factor Kappa B (NFkB) Instruction Manual

SIPB354Hu03

Homo sapiens (Human)

Source Prokaryotic expression

Host E.coli

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

Subcellular Location Nucleus, Cytoplasm

Predicted Molecular Mass 51.3kDa

Accurate Molecular Mass 51kDa(Analysis of differences refer to the manual)

Residues & Tags Met1~Thr434 with N-terminal His Tag

100mMNaHCO₃, 500mMNaCl, pH8.3, containing 1mM

Buffer Formulation EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and

Proclin300.

Traits Freeze-dried powder

Purity > 90% Isoelectric Point 7.6

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

SEQUENCE

MAEDDPYLGR PEQMFHLDPS LTHTIFNPEV FQPQMALPTD GPYLQILEQP 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 RKRQKLMPNF SDSFGGGSGA GAGGGGMFGS GGGGGGTGST GPGYSFPHYG FPTYGGITFH PGTTKSNAGM KHGT

USAGE

Reconstitute in ddH₂O 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

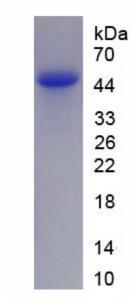


Figure. SDS-PAGE

[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.