

Recombinant Nuclear Factor Kappa B (NFkB) Instruction Manual

SIPB354Hu03

Homo sapiens (Human)

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|---------------------------------|---|
| 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 |
| Buffer Formulation | 100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM 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

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MAEDDPYLGR PEQMFHLDPS LTHITFNPEV 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 QIRFYEEEEEN GGVWEGFGDF
SPTDVHRQFA IVFKTPKYKD INITKPASVF VQLRRKSDLE TSEPKPFLYY
PEIKDKKEEVQ RKRQKLMPNF SDSFGGGSGA GAGGGGMFGS GGGGGGTGST
GPGYSFPHYG FPTYGGITFH PGTTKSNAGM KHGT
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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.