

Recombinant Nuclear Factor Kappa B (NFkB) Instruction Manual

SIPB354Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus, Cytoplasm, Chromosome
Predicted Molecular Mass	39.7kDa
Accurate Molecular Mass	40kDa(Analysis of differences refer to the manual)
Residues & Tags	Pro40~Met365 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	8.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                                     P YLQILEQPKQ
RGFRFRYVCE  GPSHGGLPGA  SSEKNKKSYP  QVKICNYVGP  AKVIVQLVTN
GKNIHLHAHS  LVGKHCEDGV  CTVTAGPKDM  VVGFANLGIL  HVTKKKVFE
LEARMTEACI  RGYNPGLLVH  SDLAYLQAE  GGDRQLTDRE  KEIIRQAAV
QTKEMDLSVV  RLMFTAFLPD  STGSFTRRLE  PVVSDAIYDS  KAPNASNLKI
VRMDRTAGCV  TGGEEIYLLC  DKVQKDDIQI  RFYEEEEENG  VWEGFGDFSP
TDVHRQFAIV  FKTPKYKDVN  ITKPASVQV  LRRKSDLETS  EPKPFLYYPE
IKDKEEVQRK  RQKLM
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USAGE

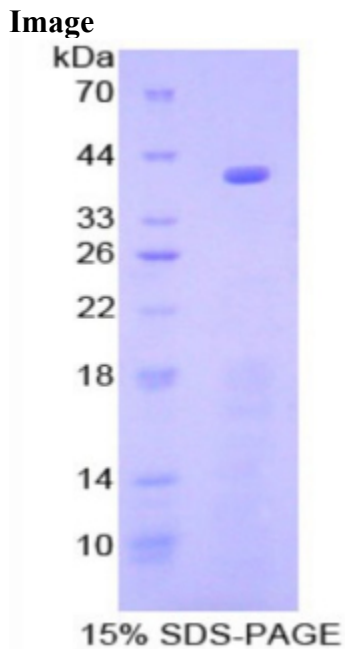
Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

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

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.



SDS-PAGE Image

[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.