

Recombinant Rat Nfkb1 protein, His & GST-tagged

Cat. No. Nfkb1-1849R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nfkb1 aa. (Gln352~Phe439 (Accession # Q63369)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln352~Phe439
Description	Gene encodes a 105 kD protein that can be processed to create a 50 kD protein; the larger protein is a Rel protein-specific transcription inhibitor and the smaller protein is a DNA binding subunit of the NF-kappa-B (NFKB) protein complex.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 39.4kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.8.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

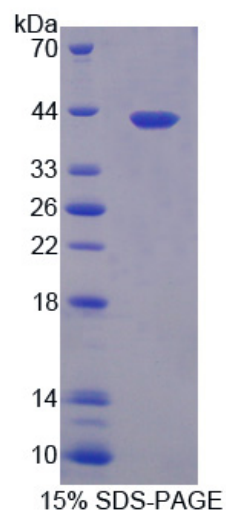
GENE INFORMATION

Gene Name	Nfkb1 nuclear factor kappa B subunit 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Nfkb1
Synonyms	Tnnt1; troponin T1, slow skeletal type; sTnT; tnTs; Fang2; troponin T, slow skeletal muscle; slow skeletal muscle troponin T; troponin T type 1 (skeletal, slow); troponin T1, skeletal, slow
Gene ID	81736
mRNA Refseq	NM_001276711.1
Protein Refseq	NP_001263640.1
UniProt ID	Q63369

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SDS-PAGE

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