

Recombinant Chicken NFKB2 Protein, His-tagged

Cat. No. NFKB2-1149C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken NFKB2 Protein (Ala34-Gly223) with His tag was expressed in E. coli.
Species	Chicken
Source	E.coli
ProteinLength	Ala34-Gly223
Description	This gene encodes a subunit of the transcription factor complex nuclear factor-kappa-B (NFkB). The NFkB complex is expressed in numerous cell types and functions as a central activator of genes involved in inflammation and immune function. The protein encoded by this gene can function as both a transcriptional activator or repressor depending on its dimerization partner. The p100 full-length protein is co-translationally processed into a p52 active form. Chromosomal rearrangements and translocations of this locus have been observed in B cell lymphomas, some of which may result in the formation of fusion proteins. There is a pseudogene for this gene on chromosome 18. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.7 kDa; Accurate Molecular Mass: 27 kDa
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	NFKB2 nuclear factor kappa B subunit 2 [Gallus gallus (chicken)]
Official Symbol	NFKB2
Synonyms	NFKB2; nuclear factor kappa B subunit 2; nuclear factor NF-kappa-B p100 subunit; DNA-binding factor KBF2; I κ B; nuclear factor NF-kappa-B p97 subunit; nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)
Gene ID	386574
mRNA Refseq	NM_204413
Protein Refseq	NP_989744

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UniProt ID

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