

Recombinant Rat Nkap Protein, His-tagged

Cat. No. Nkap-1831R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nkap Protein (Phe273-Lys415) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Phe273-Lys415
Description	Predicted to enable chromatin DNA binding activity. Predicted to be involved in negative regulation of transcription by RNA polymerase II and positive regulation of alpha-beta T cell differentiation. Predicted to act upstream of or within hemopoiesis and stem cell population maintenance. Predicted to be located in cytosol and nucleoplasm. Predicted to be active in nucleus. Human ortholog(s) of this gene implicated in syndromic X-linked intellectual disability. Orthologous to human NKAP (NFKB activating protein).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 2 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Nkap NFKB activating protein [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Nkap
Synonyms	NKAP; NFKB activating protein; NF-kappa-B-activating protein; nuclear NF-kappaB activating protein; 2610020o08rik;
Gene ID	298342
mRNA Refseq	NM_001024872
Protein Refseq	NP_001020043
UniProt ID	Q4V7C9

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