

**RPB824Hu01 100µg**  
**Recombinant Nuclear Factor Kappa B (NFκB)**  
**Organism Species: Homo sapiens (Human)**  
*Instruction manual*

FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

---

---

12th Edition (Revised in Aug, 2016)

## [ **PROPERTIES** ]

**Source:** Prokaryotic expression.

**Host:** *E. coli*

**Residues:** Pro42~Met367

**Tags:** N-terminal His-Tag

**Tissue Specificity:** Blood.

**Subcellular Location:** Nucleus. Cytoplasm.

**Purity:** >92%

**Traits:** Freeze-dried powder

**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

**Original Concentration:** 200ug/mL

**Applications:** SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 8.8

**Predicted Molecular Mass:** 40.6kDa

**Accurate Molecular Mass:** 39kDa as determined by SDS-PAGE reducing conditions.

## [ **USAGE** ]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## [ **STORAGE AND STABILITY** ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

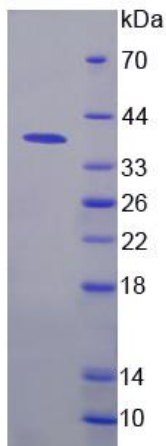
Aliquot and store at -80°C for 12 months.

**Stability Test:** 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.

**[ SEQUENCE ]**

				PYLQILEQP
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
PEIKDKEEVQ	RKRQKLM			

**[ IDENTIFICATION ]**



**Figure 1. SDS-PAGE**