



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** Human NF- $\kappa$ B p50 Expression Vector (pBluescript-NF- $\kappa$ B1 (p50))

**Catalog Number:** 2627

**Lot Number:** 94095

**Release Category:** C

**Provided:** 1 vial ampicillin-resistant transformed XL-1 Blue bacteria.

**Cloning Vector:** pBluescript SK+  
Ampicillin resistant

**Cloning Site:** HindIII/SacI cloning site  
The size of the insert is approximately 1369 bp.

**Description:** An expression vector which produces human NF- $\kappa$ B p50 protein.

**Special Characteristics:** Useful for *in vitro* transcription/translation of active p50. Untranslated 5' sequences have been deleted. The 5' sequence is AAGCTT CACC **ATG** G, which contains a *HindIII* site, Kozak sequence (underlined) and methionine initiation site (bold).  
GenBank Accession Number for RelA (p65): [M62399](#).  
GenBank Accession no.: [M55643](#).  
[Plasmid Map](#)  
Alternate names include: pBluescript-NF- $\kappa$ B1 (p50)

**Recommended Storage:** Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag. Keep the reagent at -80°C or lower. Avoid freeze-thaw cycles as reagent degradation may result.

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ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

**Contributor:** Dr. Gary Nabel and Dr. Neil Perkins

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Human NF- $\kappa$ B p50 Expression Vector (pBluescript-NF- $\kappa$ B1 (p50)) from Dr. Gary Nabel and Dr. Neil Perkins (cat# 2627)."

**Scientists at for-profit institutions or who intend commercial use of this reagent must contact the University of Michigan Office of Technology Transfer at the following email address: [techtransfer@umich.edu](mailto:techtransfer@umich.edu), before the reagent can be released.**

**Last Updated:** March 25, 2019

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