



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Human NF- κ B p65 Expression Vector (pBluescript-RelA (p65))

Catalog Number: 2625

Lot Number: 94093

Release Category: C

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

Cloning Vector: pBluescript SK+.

GenBank: M62399.

Description: Contains a 1715 bp *HindIII-BamHI* insert encoding the NF- κ B RelA gene.

Special Characteristics: Useful for *in vitro* transcription/translation of RelA. Untranslated 5' sequences and untranslated 3' sequences beyond *Bsa*HI in the original clone have been deleted (approximately 10 bp of 3' untranslated sequences remain). The 5' sequence is AAGCTT CACC **ATG** G, which contains a *HindIII* site, Kozak sequence (underlined) and methionine initiation site (bold).

[Plasmid Map](#)

Recommended Storage: -70°C.

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

References: Duckett CS, Perkins ND, Kowalik TF, Schmid RM, Huang ES, Baldwin AS Jr, Nabel GJ. Dimerization of NF- κ B2 with RelA (p65) regulates DNA binding, transcriptional activation, and inhibition by an I κ B α (MAD-3). *Mol Cell Biol* **13**:1315-1322, 1993. Gorman C, Padmanabhan R, Howard BH. High efficiency DNA-mediated transformation of primate cells. *Science* **221**:551-553, 1983.

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.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Human NF- κ B p65 Expression Vector (pBluescript-ReIA (p65)) from Dr. Gary Nabel and Dr. Neil Perkins (cat# 2625)." Also include the references cited above in any publications.

Last Updated:

March 25, 2019

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