



## NIH AIDS Reagent Program

20301 Century Boulevard  
Building 6, Suite 200  
Germantown, MD 20874  
USA

Phone: 240 686 4740  
Fax: 301 515 4015  
aidsreagent.org

### DATA SHEET

**Reagent:** Human NF- $\kappa$ B p65 Expression Vector (pRSV-RelA p65)

**Catalog Number:** 2626

**Lot Number:** 080162

**Release Category:** C

**Provided:** 1 mL ampicillin-resistant transformed XL-1 Blue bacteria (glycerol stock).

**GenBank:** M62399

**Description:** Contains a 1680 bp *HindIII-BamHI* insert encoding the NF- $\kappa$ B RelA region. The *BamHI* site was destroyed during cloning.

**Special Characteristics:** Directs the expression of RelA in eukaryotic cells. 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- $\kappa$ B2 with RelA (p65) regulates DNA binding, transcriptional activation, and inhibition by an I  $\kappa$ B $\alpha$  (MAD-3). *Mol Cell Biol* **13**:1315, 1993.  
Gorman C, Padmanabhan R, Howard BH. High efficiency DNA-mediated transformation of primate cells. *Science* **221**:551-553, 1983.

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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.

**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 p65 Expression Vector (pRSV-RelA p65) from Dr. Gary Nabel and Dr. Neil Perkins (cat# 2626)." Also include the references cited above in any publications.

**Last Updated:**

March 25, 2019

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