



NIH AIDS Reagent Program

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DATA SHEET

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

Catalog Number: 2626

Lot Number: 180271

Release Category: C

Provided: 5 μ g of dried purified DNA stabilized in DNASTable *Plus*

Cloning Vector: Ampicillin resistant

Cloning Site: HindIII/BamHI cloning site (BamHI site destroyed during cloning)
The size of the insert is approximately 1680 bp.

GenBank: [M62399](#)

Host Strain: Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C. This construct may also be grown in other competent cells.

Description: An expression vector which produces human RelA protein.

Special Characteristics: This construct is 5920 bp including the insert.
This plasmid expresses RelA derived from a human B-cell lymphoma cDNA library. The 5' insert sequence is AAGCTTCACCATGG, which contains a HindIII site, Kozak sequence (underlined) and methionine initiation site (bold).
[Contributor provided plasmid map](#)
[Sequence file lot 180271](#)
This reagent is currently being provided as dried purified DNA stabilized in DNASTable *PLUS*. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. [Dried DNA Notice](#)

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.

Alternate names include: pRSV-RelA (p65)

Recommended Storage: Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

Contributor: Dr. Gary Nabel and Dr. Neil Perkins

References: Gorman, C., Padmanabhan, R. and Howard, B. H. (1983). High efficiency DNA-mediated transformation of primate cells. *Science*, 221(4610), 551-3. [PUBMED](#)

Duckett, C. S., Perkins, N. D., Kowalik, T. F., Schmid, R. M., Huang, E. S., Baldwin, A. S., Jr. and Nabel, G. J. (1993). Dimerization of NF- κ B2 with RelA(p65) regulates DNA binding, transcriptional activation, and inhibition by an I kappa B-alpha (MAD-3). *Mol Cell Biol*, 13(3), 1315-22. [PUBMED](#)

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

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

Last Updated: March 26, 2020

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