



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Human NF- κ B p50 Expression Vector (pRSV-NF- κ B1 (p50))

Catalog Number: 2629

Lot Number: 041572

Release Category: C

Provided: 5 μ g of dried purified DNA stabilized in DNastable *PLUS*

Cloning Vector: Unknown
Ampicillin resistant

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

GenBank: [M55643](#)

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

Description: Contains a 1369 bp HindIII-BglII insert encoding the NF- κ B1 p50 gene.

Special Characteristics: This construct is 5610 bp including the insert.
Directs the expression of active p50 in eukaryotic cells. The 5' sequence is AAGCTT CACC **ATG** G, which contains a *Hind*III site, Kozak sequence (underlined) and methionine initiation site (bold).
[Contributor Provided Plasmid Map](#)
[Plasmid map and sequence file lot 041572](#)
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

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.

reconstitution of dried DNA reagents. [Dried DNA NOTICE](#)

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: C. S. Duckett, N. D. Perkins, T. F. Kowalik, R. M. Schmid, E. S. Huang, A. S. Baldwin, Jr. and G. J. Nabel. (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](#)

C. Gorman, R. Padmanabhan and B. H. Howard. (1983). High efficiency DNA-mediated transformation of primate cells. *Science*, 221(4610), 551-3. [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 p50 Expression Vector (pRSV-NF- κ B1 (p50)) from Dr. Gary Nabel and Dr. Neil Perkins (cat# 2629)." Also include the references cited above in any publications.

Last Updated: March 25, 2019

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