



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Human NF- κ B p100 Expression Vector (pRSV-NF- κ B2 (p100-XhoI))

Catalog Number: 2624

Lot Number: 180425

Release Category: E

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

Cloning Vector: Ampicillin resistant

Cloning Site: HindIII/XhoI
The size of the insert is 1337 bp.

GenBank: [X61498](#)

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 truncated human NF- κ B p100 protein.

Special Characteristics: This construct is 5582 bp including the insert.
This plasmid expresses the active p52 form of p100. There is a Kozak sequence at the 5' end.
[Contributor provided plasmid map](#)
[Sequence file lot 180425](#)
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.

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: Perkins, N. D., Schmid, R. M., Duckett, C. S., Leung, K., Rice, N. R. and Nabel, G. J. (1992). Distinct combinations of NF-kappa B subunits determine the specificity of transcriptional activation. Proc Natl Acad Sci U S A, 89(5), 1529-33. [PUBMED](#)

Gorman, C., Padmanabhan, R. and Howard, B. H. (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 p100 Expression Vector (pRSV-NF- κ B2 (p100-XhoI)) from Dr. Gary Nabel and Dr. Neil Perkins (cat# 2624)." Also include the references cited above in any publications.

Last Updated: March 26, 2020

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