



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: 94092

Release Category: E

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

Description: Contains a 1337 bp *HindIII-XhoI* insert encoding the truncated NF- κ B2 p100 gene.
[Plasmid Map](#)

Special Characteristics: This vector directs the expression of the active form of p52 form of p100 in eukaryotic cells. Contains the *HindIII-XhoI* (blunted) amino-terminal fragment of NF- κ B2 (p100), subcloned into *HindIII-BglII* (blunted). Both *XhoI* and *BglII* sites remain intact. The 5' sequence is AAGCTT CACC **ATG** G, which contains a *HindIII* site, Kozak sequence (underlined) and methionine initiation site (bold). The GenBank Accession number for RelA (p65) is M62399. GenBank Accession #X61498.

Recommended Storage: -70°C.

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

References: Perkins ND, Schmid RM, Duckett CS, Leung K, Rice NR, Nabel GJ. Distinct combinations of NF- κ B subunits determine the specificity of transcriptional activation. *Proc Natl Acad Sci USA* **89**:1529-1533, 1992.
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 p100 Expression Vector from Dr. Gary Nabel and Dr. Neil Perkins (cat# 2624)." Also include the references cited above in any publications.

Last Updated: March 25, 2019

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