



NIH AIDS Reagent Program

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DATA SHEET

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

Catalog Number: 2627

Lot Number: 180461

Release Category: C

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

Cloning Vector: pBluescript SK+
Ampicillin resistant

Cloning Site: HindIII/SacI cloning site
The size of the insert is 1409 bp.

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 NF- κ B p50 protein.

Special Characteristics: This construct is 4297 bp including the insert.
Useful for *in vitro* transcription/translation of active p50. Untranslated 5' sequences have been deleted. The 5' sequence is AAGCTT CACC **ATG** G, which contains a *HindIII* site, Kozak sequence (underlined) and methionine initiation site (bold).
GenBank Accession Number for RelA (p65): [M62399](#).
GenBank Accession no.: [M55643](#).
[Contributor provided plasmid map](#)
[Sequence file lot 180461](#)

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.

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](#)

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

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 (pBluescript-NF- κ B1 (p50)) from Dr. Gary Nabel and Dr. Neil Perkins (cat# 2627)."

Scientists at for-profit institutions or who intend commercial use of this reagent must contact the University of Michigan 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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