



NIH AIDS Reagent Program

20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent:	pGM91 (pGM93)
Catalog Number:	183
Lot Number:	130246
Release Category:	A
Provided:	5 µg of dried purified DNA stabilized in DNASTable <i>Plus</i>
Cloning Site:	BamHI/SstI cloning site The size of the insert is 1093 bp.
Host Strain:	Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C.
Description:	1.1 kb <i>Bam</i> HI (8053)- <i>Sst</i> I (9154) fragment of pBH10-R3 but excised using <i>Bam</i> HI (8053) site on pBH10-R3 and <i>Bam</i> HI site in the polylinker pBH10-R3 and cloned as <i>Bam</i> HI fragment in pGEM-2. Transcription using T7 will give sense RNA and transcription using SP6 will give antisense RNA.
Special Characteristics:	This construct is 3975 bp including the insert. Insert spans nucleotides 8475-9576 in the HIV HXB-2 GenBank sequence. Contains the entire <i>nef</i> gene. A premature stop codon in the <i>nef</i> gene occurs at 9165 in the GenBank sequence. This clone is useful for producing molecular probes and <i>in vitro</i> transcription. Contributor Provided Plasmid Map Plasmid map and sequence file lot 130246 This reagent is currently being provided as dried purified DNA stabilized in DNASTable <i>Plus</i> . 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. John Rossi

References: Murakawa GJ, Zaia JA, Spallone PA, Stephens DA, Kaplan BE, Wallace RB, Rossi JJ. Direct detection of HIV-1 RNA from AIDS and ARC patient samples. *DNA* **7**:287-295, 1988.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: pGM91 from Dr. John Rossi (cat# 183)." Also include the reference cited above in any publications.

Last Updated: November 13, 2019

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