



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	p3'
<b>Catalog Number:</b>	3120
<b>Lot Number:</b>	96057
<b>Release Category:</b>	A
<b>Provided:</b>	20 µg of dried purified DNA stabilized in DNASTable <i>Plus</i>
<b>Cloning Vector:</b>	pGEM-3Z
<b>Cloning Site:</b>	<i>NcoI-XbaI</i> .
<b>Host Strain:</b>	The host bacteria was DH5α.
<b>Description:</b>	A linker containing <i>HpaI</i> and <i>NcoI</i> sites was inserted into the <i>EcoRI</i> and <i>BamHI</i> sites of the pGEM-3Z polylinker. The 3' half of HIV-1 from pHXB2gpt was cloned into the vector as a ~4300 bp <i>NcoI-XbaI</i> fragment.
<b>Special Characteristics:</b>	<p>This construct is 8517 bp including the insert.</p> <p>Infectious recombinant HIV-1 virus can be recovered by linearizing p3' and p5' (Catalog #3119) with <i>NcoI</i>, ligating the mixed DNAs with T4 DNA ligase, and transfecting MT-2 cells.</p> <p><a href="#">Sequence file lot 96057</a></p> <p>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. <a href="#">Dried DNA Notice</a></p>
<b>Recommended Storage:</b>	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

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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.

**Contributor:** Drs. Dean L. Winslow and Lee Bacheler

**References:** Winslow DL, Anton ED, Horlick RA, Zagursky RJ, Tritch RJ, Scamati H, Ackerman K, Bacheler LT. Construction of infectious molecular clones of HIV-1 containing defined mutations in the protease gene. *Biochem Biophys Res Commun* **205**:1651-1657, 1994.

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: p3' from Drs. Dean Winslow and Lee Bacheler." Also include the reference cited above in any publications.

**Last Updated:** February 14, 2019

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