



## 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:** p96ZM651.8

**Catalog Number:** 6173

**Lot Number:** 150305

**Release Category:** C

**Provided:** 5 µg of dried purified DNA stabilized in DNASTable *PLUS*

**Cloning Vector:** pTZ18MluI  
Ampicillin resistant

**Cloning Site:** MluI cloning site  
The size of the insert is 9059 bp.

**GenBank:** [AF286224](#) Sequences in GenBank reflect data derived from clones, not viruses.

**Host Strain:** Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C.

**Description:** This is a near full length molecular clone of a subtype C isolate from Zambia. This genome encodes intact open reading frames for all nine HIV-1 genes.

**Special Characteristics:** This construct is 11923 bp including the insert.  
Genomic DNA was extracted from PBMC culture and used for PCR amplification. PCR products were cloned directly into vector pTZ18MluI at the MluI cloning site.  
[Plasmid map and sequence file lot 150305](#)  
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](#)

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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.

**Recommended Storage:** Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

**Contributor:** Drs. Cynthia M. Rodenburg, Beatrice H. Hahn, Feng Gao, and the Zambian-UAB HIV Research Project.

**References:** Rodenburg CM, Li Y, Trask SA, Chen Y, Decker J, Robertson DL, Kalish ML, Shaw GM, Allen S, Hahn BH, Gao F and the UNAIDS and NIAID Networks for HIV Isolation and Characterization. Near full-length clones and reference sequences for subtype C isolates of HIV type 1 from three different continents. *AIDS Res Hum Retroviruses* **17**(2):161-168, 2001. [Abstract](#)

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, NIAID, NIH: p96ZM651.8 from Drs. Cynthia M. Rodenburg, Beatrice H. Hahn, Feng Gao, and the Zambian-UAB HIV Research Project." Also include the reference cited above in any publications.

Patent-pending.

**Scientists at for-profit institutions or who intend commercial use of this reagent must contact Ellen Johnson, Office of Grants and Contract, AB 1170, 1530 3rd Ave. S, Birmingham AL 35294-0111, Tel: 205-934-5266 Fax: 205-975-5977, before the reagent can be released.**

**Last Updated:** March 27, 2020

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