



NIH AIDS Reagent Program

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DATA SHEET

Reagent: FIV 34TF10 Pol Expression Vector

Catalog Number: 3716

Lot Number: 140029

Release Category: B

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

Cloning Vector: PT7-7
Ampicillin resistant

Description: The FIV-34F10 pol gene was cloned into the PT7-7 vector as an EcoRI-BglII fragment (nt 1875-6460). An adaptor was added between NdeI and EcoRI to put pol in frame for translation.

Special Characteristics: This clone expresses all Pol proteins expressed by FIV PR, including PR, RT, DU, and IN. Expression is IPTG inducible. The polyprotein will facilitate structural, enzymatic, and drug efficacy studies. GenBank #M25381.1 for the complete FIV genome. The infectious molecular clone FIV-34F10 is also available.
[Sequence file lot 140029](#)

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. John Elder

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.

References: Talbott RL, et al. *Proc Natl Acad Sci USA* **86**:5743, 1989.

Elder JH, et al. *J Virol* **66**:1791, 1992.

Elder JH, et al. *J Virol* **67**:1869, 1993.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: FIV 34TF10 Pol Expression Vector from Dr. John Elder (cat# 3716)." Also include the references cited above in any publications.

Last Updated: November 19, 2018

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