



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: FIV 34TF10 Pol Expression Vector

Catalog Number: 3716

Lot Number: 9/19/97

Release Category: B

Provided: 1 vial ampicillin-resistant transformed BL21.DE3 (glycerol stock)

Cloning Vector: PT7-7, ampicillin resistance.

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.

Contributor: Dr. John Elder.

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

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.

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.