



NIH AIDS Reagent Program

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DATA SHEET

Reagent: FIV-34F10 PR

Catalog Number: 3711

Lot Number: 9/18/97

Release Category: B

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

Description: The FIV-34F10 PR coding region was used in conjunction with clonable primers in a PCR reaction, then cloned into the *NdeI-HindIII* region of PT7-7.

Special Characteristics: The PR coding region of FIV-34F10 protease was modified at three sites (G5→I; N55→T; C84→K) to produce an autoproteolysis-resistant PR. Protease expression is IPTG inducible. The protease will facilitate structural, enzymatic, and drug efficacy studies. GenBank #M25729. The infectious molecular clone FIV-34F10 is also available.

Contributor: Dr. John Elder.

References: Laco GS, et al. *J Virol* **71**:5505, 1997.
Talbot RL, et al. *Proc Natl Acad Sci USA* **86**:5743, 1989.
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-34F10 PR from Dr. John Elder." Also include the references cited above in any publications.

Last Updated: January 17, 2014

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.