



NIH AIDS Reagent Program

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DATA SHEET

Reagent: FIV 34TF10 Gag Expression Vector

Catalog Number: 3712

Lot Number: 080145

Release Category: B

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

Description: The FIV-34F10 gag coding region was amplified by PCR from the start site (nt 630) to a region just 3' of the BamHI site at nt 2380. The 3' end was then digested with EcoRV at nt 2050 and HcII (in the pUC12NCO vector) and religated to interrupt the PR coding region.

Special Characteristics: This clone expresses the unprocessed FIV-34F10 Gag polyprotein, which includes MA, CA, NC, and P2, and terminates within PR of Pol. The protein can be used for structural and immunological studies. GenBank #M25729. Protein is expressed with or without IPTG induction. The infectious molecular clone FIV-34F10 is also available. g

Recommended Storage: Keep the reagent at -80°C or lower. Avoid freeze-thaw cycles as reagent degradation may result.

Contributor: Dr. John Elder

References: Talbott 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 34TF10 Gag Expression Vector from Dr. John Elder (cat# 3712)." 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.

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