



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** BIV Gag Expression Vector (BIV-gag3)

**Catalog Number:** 4132

**Lot Number:** 98132

**Release Category:** B

**Provided:** 1 vial transformed RRI bacteria.

**Description:** The StuI-BamHI fragment derived from BIV gag was blunt-ended, then ligated into pATH3.

**Special Characteristics:** This clone expresses the major BIV gag antigenic determinant as a fusion protein. The expressed protein has been used as an antigen in Western blots to screen for antibodies against BIV in infected animals.

**Contributor:** Dr. Charles Wood, University of Nebraska, Lincoln.

**References:** Atkinson B, Liu ZQ, Wood C. Use of bacterial trpE fusion vectors to express and characterize the bovine immunodeficiency-like virus core protein. *J Virol Meth* **36**:35-49, 1992.

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: BIV Gag Expression Vector (BIV-gag3) from Dr. Charles Wood, University of Nebraska, Lincoln (cat# 4132)." Also include the reference cited above in any publications. This reagent is not to be used for commercial purposes.

**Last Updated:** December 06, 2018

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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.