



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** BIV Gag Expression Vector (BIV-gag5)

**Catalog Number:** 4133

**Lot Number:** 98133

**Release Category:** B

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

**Description:** The PstI fragment (nt 1130-1642) BIV gag was subcloned into pUC8 to generate pUC gag-3. The EcoRI-HindIV fragment from pUC gag-3 was then ligated into pATH3 to generate BIV-gag5.

**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-gag5) from Dr. Charles Wood, University of Nebraska, Lincoln (cat# 4133)." Also include the reference cited above in any publications.

**Scientists at for-profit institutions or who intend commercial use of this reagent must contact the University of Nebraska, Nutech Ventures at the following email address: [info@nutechventures.org](mailto:info@nutechventures.org), before the reagent can be released.**

**Last Updated:** March 07, 2019

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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.

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