



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	SIVsmPBj1.9 Vpr Expression Vector
Catalog Number:	2749
Lot Number:	95010
Release Category:	C
Provided:	1 vial ampicillin-resistant DH5 bacteria.
Cloning Site:	EcoRI/HindIII cloning site The size of the insert is approximately 300 bp.
Cloning Vector:	pGEX-KG, a prokaryotic expression vector Ampicillin resistant
Description:	An expression vector which produces SIVsmPBj1.9 Vpr protein.
Special Characteristics:	Contains a PCR-amplified EcoRI-HindIII fragment encoding the entire SIVsmPBj1.9 vpr open reading frame cloned into pGEX-KG, a prokaryotic expression vector. Contains a 300 bp <i>vpr</i> insert. Expresses high levels of Vpr as a glutathione S-transferase fusion product after IPTG induction. The <i>vpr</i> open reading frame and vector junctions have been sequenced to insure fidelity and maintenance of the proper frame. The protein is easily purified on GST columns, and efficiently isolated by thrombin cleavage. Alternate names include: SIV pGEX-KG <i>vpr</i>
Recommended Storage:	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag. Keep the reagent at -80°C or lower. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	Dr. Margaret Newman and Dr. Beatrice Hahn

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.

References: Newman, M. A., McPherson, S. A., Fletcher, T. M., 3rd, Kappes, J. C. and Hahn, B. H. (1995). Polyclonal rabbit antisera that detect the Vpr protein of SIVSM and SIVMAC on immunoblots of purified virions. AIDS Res Hum Retroviruses, 11(3), 405-8. doi:10.1089/aid.1995.11.405 [PUBMED](#)

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: SIVsmPBj1.9 Vpr Expression Vector from Dr. Margaret Newman and Dr. Beatrice Hahn (cat# 2749)." 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 The UAB Research Foundation at the following email address: innovation@uab.edu, before the reagent can be released.

Last Updated: March 26, 2020

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