



NIH AIDS Reagent Program

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DATA SHEET

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| Reagent: | HIV-1 SF2 Nef Expression Vector (pcDNA3.1 SF2 Nef) |
| Catalog Number: | 11431 |
| Lot Number: | 070577 |
| Release Category: | C |
| Provided: | 5 µg of dried purified DNA stabilized in DNastable <i>PLUS</i> |
| Cloning Site: | The insert is cloned into EcoRI site of pcDNA3.1 and is 661bp The size of the insert is 661bp. |
| Cloning Vector: | The size of the cloning vector including insert is 6089bp. |
| Description: | The insert was cloned by PCR using primers containing EcoR I sites. The resulting product was cloned as an EcoR I fragment into pcDNA3.1. Ampicillin resistant. |
| Special Characteristics: | Expresses high levels of HIV-1 _{SF2} Nef Host Strain: Grow in DH5α. Plasmid map and sequence file lot 070577 This reagent is currently being provided as dried purified DNA stabilized in DNastable <i>PLUS</i> . Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. Dried DNA Notice |
| Recommended Storage: | Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag. |
| Contributor: | Drs. J. Victor Garcia and John Foster |

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:

Alexa Raney, Lillian S. Kuo, Laura L. Baugh, John L. Foster, and J. Victor Garcia. Reconstitution and Molecular Analysis of an Active Human Immunodeficiency Virus Type 1 Nef/p21-Activated Kinase 2 Complex. *J. Virol.* 2005 **79**: 12732-12741. [[Abstract](#)] [[Full Text](#)] [[PDF](#)]

Eduardo O'Neill, Lillian S. Kuo, John F. Krisko, Diana R. Tomchick, J. Victor Garcia, and John L. Foster. Dynamic Evolution of the Human Immunodeficiency Virus Type 1 Pathogenic Factor, Nef *J. Virol.* 2006 **80**: 1311-1320. [[Abstract](#)] [[Full Text](#)] [[PDF](#)] [[Supplemental material](#)]

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 SF2 Nef Expression Vector (pcDNA3.1 SF2 Nef) from Dr. J. Victor Garcia." Also include the reference cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact Dr. J. Victor Garcia at email address victor.garcia@utsouthwestern.edu and specify in the email the name of the reagent and a description of the intended use of the reagent.

Last Updated:

November 29, 2017

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