



NIH AIDS Reagent Program

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DATA SHEET

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Reagent: vTFnef

Catalog Number: 2613

Lot Number:

Provided: 1 vial cell-free virus at 1.2×10^8 pfu/ml

Host or Recommended Host or Host Cells: Confluent monkey kidney cell lines (CV-1, Vero).

Description: The HIV-1 *nef* ORF was isolated from the plasmid pNLXho, a pNL432 derivative. A *Bam*HI fragment was blunt end ligated to pSC11 (from Dr. Bernard Moss) and cleaved with *Sma*I to produce the plasmid pTF*nef*. This clone contains the *nef* coding sequence under transcriptional control of the vaccinia P7.5 promoter. The transcriptional cassette was inserted into the vaccinia virus TK gene by homologous recombination to produce vTF*nef*.

Special Characteristics: Infect host cells with 2-5 pfu/ml of vaccinia. Harvest cells after 30-40 hours when extensive CPE are evident. Sonicate or freeze-thaw the cells three times and clarify by centrifugation. The control vaccinia virus is vSC8 (Catalog #357).

Recommended Storage: Liquid nitrogen.

Contributor: MedImmune, Incorporated.

References: Koenig S, Fuerst TR, Wood LV, Woods RM, Suzich JA, Jones GM, de la Cruz VF, Davey RT Jr, Venkatesan S, Moss B, Biddison WE, Fauci AS. Mapping the fine specificity of a cytolytic T cell response to HIV-1 *nef* protein. *J Immunol* **145**:127-135, 1990.

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.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: vTF_{nef} from MedImmune, Incorporated." Please include the reference cited above in any publications.

The US Government has submitted a patent application on the parent plasmid pSC11.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact Dr. Sally Hu at the NIH Office of Technology Transfer, Email: hus@mail.nih.gov, Phone: 301-435-5606, before the reagent can be released. Please specify the name and a description of the intended use of the reagent.

Last Updated:

June 24, 2013

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