



NIH AIDS Reagent Program

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DATA SHEET

002 2471

Reagent: vRF222

Catalog Number: 899

Lot Number:

Provided: 1 vial cell-free virus at $> 10^9$ infectious virions/ml. Infects HeLa and other vertebrate cells.

Cloning Vector: Vaccinia virus, strain WR.

Description: The plasmid pRFsc11-17 was used to construct the recombinant virus, vRF222. The full-length HIV-1_{RF} *env* gene is expressed under control of the vaccinia virus P7.5 promoter.

Special Characteristics: *Env* glycoprotein gp160 is produced and cleaved into gp120 and gp41. Syncytium formation is observed when cells bearing CD4 are infected with this virus.
Sterility: Negative for bacteria, mold, fungus, and mycoplasma.
Cloning Site: Vaccinia virus thymidine kinase gene.

Recommended Storage: -70degreeC.

Contributor: Dr. Silvia Merli and Dr. Bernard Moss.

References: Koenig S, Earl P, Powell D, Pantaleo G, Merli S, Moss B, Fauci AS. Group-specific, major histocompatibility complex class I-restricted cytotoxic responses to human immunodeficiency virus 1 (HIV-1) envelope proteins by cloned peripheral blood T cells from an HIV-1-infected individual. *Proc Natl Acad Sci USA* **85**:8638-8642, 1988.

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: vRF222 from Dr. Silvia Merli and Dr. Bernard Moss." Also include the reference cited above in any publications.

The US Government has submitted a patent application on this reagent.

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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