



NIH AIDS Reagent Program

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DATA SHEET

003 011651

Reagent: ☼ vMN462

Catalog Number: 900

Lot Number:

Provided: 1 ml cell-free virus. Titer: $10^{8.7}$ TCID₅₀/ml. Infects HeLa and other vertebrate cells.

Cloning Vector: Vaccinia virus, strain WR.

Description: The plasmid pMNSC11-14 was used to construct the recombinant virus, vMN462. This construct contains the full-length HIV-1_{MN} *env* gene under control of the vaccinia virus P7.5 promoter.

Special Characteristics: The *env* protein, gp160, is expressed in cells infected with this virus. However, cleavage to gp120 and gp41, and syncytium formation are not observed.
Sterility: Negative for mycoplasma, bacteria and fungi.
Cloning Site: Vaccinia virus thymidine kinase gene.

Recommended Storage: -70degreeC.

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

References: Takahashi H, Merli S, Putney SD, Houghten R, Moss B, Germain RN, Berzofsky JA. A single amino acid interchange yields reciprocal CTL specificities for HIV-1 gp160. *Science* **246**:118-121, 1989.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: vMN462 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

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.

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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