



NIH AIDS Reagent Program

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DATA SHEET

2 6/1/89

Reagent: vPE8

Catalog Number: 361

Lot Number:

Provided: 1 vial cell-free virus at 5×10^9 infectious virions/ml. Infects HeLa and other vertebrate cells.

Cloning Vector: Vaccinia virus, strain WR.

Description: The plasmid pPE8 was used to make the recombinant virus vPE8. This plasmid contains the HIV-1 gp120 gene (BH10 isolate) under control of the vaccinia virus P7.5 promoter. The *env* gene was truncated to eliminate the gp41 coding segment and a stop codon was introduced.

Special Characteristics: The gp120 polypeptide is glycosylated and secreted from infected cells. Binding to CD4 has been demonstrated. vPE8 also expresses *E. coli* β -galactosidase. Cloning Site: Vaccinia virus thymidine kinase gene.

Recommended Storage: -70degreeC.

Contributor: Dr. Patricia Earl and Dr. Bernard Moss.

References: Earl PL, Koenig S, Moss B. Biological and immunological properties of human immunodeficiency virus type 1 envelope glycoprotein: analysis of proteins with truncations and deletions expressed by recombinant vaccinia viruses. *J Virol* **65**:31-41, 1991.

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: vPE8 from Dr. Patricia Earl 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.

The control vaccinia viruses to this clone are available as catalog #353 and catalog #357.

Last Updated:

June 24, 2013

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