



NIH AIDS Reagent Program

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DATA SHEET

2 302558

Reagent: vP1286

Catalog Number: 3541

Lot Number:

Provided: 0.25 ml (1.4 x 10¹⁰ pfu/ml).

Cloning Vector: WR (host range selection system) insertion plasmid.

Description: Contains HIV-1_{MN} *env* gp120 sequences. The vaccinia virus early/late H6 promoter is cloned upstream of sequences coding for the extracellular envelope gp120 moiety linked to the sequences encoding the HIV-1 transmembrane anchor sequence (nucleotides 7850-7934).

Special Characteristics: Linkage of the gp120 sequences to the transmembrane anchor sequence serves to retain gp120 expression on the surface of vP1286 infected cells.
Sterility: Negative for bacteria, fungus and mycoplasma.
Cloning Site: Vaccinia virus K1L region.

Recommended Storage: -70degreeC.

Contributor: Virogenetics Corp.

References: Gurgo C, Guo HG, Franchini G, Aldovini A, Collalti E, Farrell K, Wong-Staal F, Gallo RC, Reitz MS Jr. Envelope sequences of two new United States HIV-1 isolates. *Virology* **164**:531-536, 1988. Perkus ME, Limbach K, Paoletti E. Cloning and expression of foreign genes in vaccinia virus, using a host range selection system. *J Virol* **63**:3829-3836, 1989. Ratner L, Haseltine W, Patarca R, Livak KJ, Starcich B, Josephs SF, Doran ER, Rafalski JA, Whitehorn EA, Baumeister K, et al. Complete nucleotide sequence of the AIDS virus, HTLV-III. *Nature* **313**:277-284, 1985. Goebel SJ, Johnson GP, Perkus ME, Davis SW, Winslow JP, Paoletti E. The complete DNA sequence of vaccinia virus. *Virology* **179**:247-266, 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: vP1286 from Virogenetics Corp." Also include the references cited above in any publications. Recipient must not use or incorporate the reagent for commercial purposes.

Last Updated:

June 24, 2013

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