



NIH AIDS Reagent Program

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DATA SHEET

97128

Reagent: ☒ vE93MW965

Catalog Number: 3526

Lot Number:

Provided: 1 vial cell-free virus. Titer is 6×10^8 PFU/ml.

Host or Recommended Host or Host Cells: CV-1 cells cultured in DMEM with 10% fetal bovine serum.

Cloning Vector: WR.

Description: A 2665 bp *KpnI* fragment from p93MW965.26 (Catalog #2426), containing the gp160 gene minus 117 bp at the 5' end, was cloned into a pSC11ss construct containing the HXB2 *env* gene (an analogous *KpnI* fragment was first excised from the pSC11ss construct). The resulting plasmid consisted of the first 123 bp of HXB2 *env*, followed by 2665 bp of *env* from 93MW965.26. This plasmid was transfected into CV-1 cells infected with vaccinia WR (L strain), producing a stable, gp160-expressing construct.

Special Characteristics: Expression of gp160 is under control of the 7.5 kDa early-late promoter. The HIV-1 *env* subtype C protein is recognized by CD8+ CTL clones specific for HIV-1 *env*.
Sterility: Negative for bacteria, fungi, and mycoplasma.
Cloning Site: Vaccinia virus TK region.

Recommended Storage: -70degreeC.

Contributor: Dr. Stuart Ray and Dr. Robert Bollinger.

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: vE93MW965 from Dr. Stuart Ray and Dr. Robert Bollinger (cat# 3526)."

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 Johns Hopkins Technology Ventures at the following email address: MTA@jhu.edu, before the reagent can be released.

Last Updated:

July 26, 2018

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