



## NIH AIDS Reagent Program

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### DATA SHEET

7 030503

**Reagent:** vSC8

**Catalog Number:** 357

**Lot Number:**

**Provided:** 1 vial cell-free virus. TCID<sub>50</sub>: 10<sup>8.6</sup>/ml.

**Host or Recommended Host or Host Cells:** HeLa and other vertebrate cells.

**Cloning Vector:** Vaccinia virus, strain WR.

**Description:** Plasmid pSC8 containing the *E. coli lacZ* ( $\beta$ -galactosidase) gene and the vaccinia virus P11 promoter was used to transfect CV-1 monkey kidney cells infected with wild-type vaccinia virus. The resultant recombinant vaccinia vector, vSC8, expresses  $\beta$ -galactosidase under the control of the P11 promoter.

**Special Characteristics:** May be used as a control for recombinant vaccinia viruses that express HIV-1 genes and  $\beta$ -galactosidase (Catalog #'s 358, 359, 360, 361, and 362).  
Sterility: Negative for mycoplasma, bacteria and fungi.  
Cloning Site: Vaccinia virus thymidine kinase gene.

**Recommended Storage:** -70degreeC.

**Contributor:** Dr. Sekhar Chakrabarti and Dr. Bernard Moss.

**References:** Chakrabarti S, Brechling K, Moss B. Vaccinia virus expression vector: Co-expression of  $\beta$ -galactosidase provides visual screening of recombinant virus plaques. *Mol Cell Biol* **5**:3403-3409, 1985.

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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: vSC8 from Dr. Sekhar Chakrabarti 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](mailto: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 virus to this clone is Catalog #353.**

**Last Updated:**

June 24, 2013

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