NIH AIDS Reagent Program
20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

8 051168

Reagent:	vCB21R-lacZ
Catalog Number:	3365
Lot Number:	
Provided:	1 ml, titer is 0.5 x 10^9 pfu/ml.
Host or Recommended Host or Host Cells:	Virus stocks grown in HeLa S3 cells.
Cloning Vector:	Derived from WR parental vaccinia virus strain.
Description:	Contains *E. coli lacZ* gene linked to the bacteriophage T7 promoter and expresses β-galactosidase. Vaccinia recombinant generated by homologous recombination into the TK locus in reverse orientation, and selection for TK-plaques using standard procedures.
Special Characteristics:	Useful for expression of β-galactosidase in vaccina-based cell fusion assay; also for biochemical, immunologic, and functional studies.
Contributor:	Dr. Christopher C. Broder, Paul E. Kennedy, and Dr. Edward A. Berger.
References:	Alkhatib G, Broder CC, Berger EA. Cell type-specific fusion cofactors determine Human Immunodeficiency Virus Type I tropism for T-cell lines versus primary Macrophages. *J Virol* **70**:5487-5494, 1996.
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: vCB21R-lacZ from Dr. Christopher C. Broder, Paul E. Kennedy, and Dr. Edward A. Berger." Also include the reference cited above in any publications. **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**

Email: nus@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