



## NIH AIDS Reagent Program

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### DATA SHEET

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**Reagent:** vCB-14

**Catalog Number:** 2734

**Lot Number:**

**Provided:** 1 ml cell-free virus at  $> 4 \times 10^9$  pfu/ml.

**Special Characteristics:** Contains the BH8 env gene. A translation termination codon was placed just prior to the transmembrane domain. The env gene is under control of a synthetic early/late vaccinia virus promoter. Expresses high levels of soluble, secreted, cleaved gp140. Oligomerization and binding to CD4 have been demonstrated.  
Sterility: Negative for bacteria, fungi, and mycoplasma.  
Cloning Site: Vaccinia virus thymidine kinase gene.

**Recommended Storage:** Liquid nitrogen.

**Contributor:** Dr. Christopher Broder and Dr. Bernard Moss.

**References:** Earl PL, Broder CC, Long D, Lee SA, Peterson J, Chakrabarti S, Doms RW, Moss B. Native oligomeric human immunodeficiency virus type 1 envelope glycoprotein elicits diverse monoclonal antibody reactivities. *J Virol* **68**:3015-3026, 1994.

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: vCB-14 from Dr. Christopher Broder and Dr. Bernard Moss." Also include the reference cited above in any publications.

The US Government has submitted a patent application on this reagent.

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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.

**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 viruses to this reagent are Catalog #353 and Catalog #357.**

**Last Updated:**

June 24, 2013

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