



## 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

**Reagent:** HIV-1 Env Expression Vector (CAM0014BBY.ec2)

**Catalog Number:** 13511

**Lot Number:** 190239

**Release Category:** D

**Provided:** 5 µg of dried purified DNA stabilized in DNastable *Plus*

**Cloning Site:** Unknown

**Cloning Vector:** pcDNA3.1D/v5His-TOPO vector  
Ampicillin resistant

**Description:** An expression vector which produces HIV-1 subtype CRF02\_AG CAM0014BBY.ec2 Env protein.

**Special Characteristics:** This plasmid expresses Env derived from a patient from Cameroon.  
This clone is available individually, or as part of panel set #13467.  
[Panel of International HIV-1 Env Clones](#)  
GenBank Accession Number: [MK501573](#)  
Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C. This construct may also be grown in other competent cells.  
This reagent is currently being provided as dried purified DNA stabilized in DNastable *PLUS*. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. [Dried DNA Notice](#)

**Recommended Storage:** Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

---

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.

**Contributor:** Dr. Sodsai Tovanabutra

**References:** Brown, B. K., Wieczorek, L., Sanders-Buell, E., Rosa Borges, A., Robb, M. L., Birx, D. L., Michael, N. L., McCutchan, F. E. and Polonis, V. R. (2008). Cross-clade neutralization patterns among HIV-1 strains from the six major clades of the pandemic evaluated and compared in two different models. *Virology*, 375(2), 529-38.  
doi:10.1016/j.virol.2008.02.022 [PUBMED](#)

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 Env Expression Vector (CAM0014BBY.ec2) from Dr. Sodsai Tovanabutra (cat# 13511)." Also include the references cited above in any publications.

**Scientists at for-profit institutions or who intend commercial use of this reagent must contact the Office of Technology Transfer at the following email address: [techtransfer@hjf.org](mailto:techtransfer@hjf.org), before the reagent can be released.**

**Last Updated:** October 27, 2020

---

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.