



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** HIV-1 92UG037.8 gp160 Expression Vector (pSVIII-92UG037.8)

**Catalog Number:** 3109

**Lot Number:** 110168

**Release Category:** D

**Provided:** 4.8 µg of dried purified DNA stabilized in DNASTable *Plus*

**Cloning Vector:** Ampicillin resistant

**Cloning Site:** Envelope was Kpn digested and used to replace Kpn digested HXB2 env in pSVIII.

**GenBank:** [U09127](#)

**Host Strain:** Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C.

**Description:** This molecular clone of the env gene is part of a panel of multi-subtype molecular envelope clones. Detailed information about the panel can be found in the reference. The clone is derived from a patient in Uganda. PCR-derived HIV-1 gp160 gene from primary PBMC culture was cloned into pSVIIIenv (Kpn). The primary isolate env gene was exchanged into the vector in place of the HXB2 env gene, and used in a single round CAT-based virus infectivity assay.

**Special Characteristics:** This construct is 7911 bp including the insert.  
[Plasmid map and sequence file lot 110168](#)  
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](#)

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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.

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

**Contributor:** Dr. Feng Gao and Dr. Beatrice Hahn, and the DAIDS, NIAID.

**References:** Molecular cloning and analysis of functional envelope genes from human immunodeficiency virus type 1 sequence subtypes A through G. The WHO and NIAID Networks for HIV Isolation and Characterization. *J Virol* Mar; **70**(3):1651-67, 1996.

<http://www.ncbi.nlm.nih.gov/pubmed/8627686>

[Table of all members of the panel](#)

**NOTE:** **All scientists requesting this reagent with commercial intent must submit a WHO - UNAIDS Materials Transfer Agreement (MTA).**

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 92UG037.8 gp160 Expression Vector (pSVIII-92UG037.8) from Dr. Beatrice Hahn (cat# 3109)." Also include the reference cited above in any publications.

**Required Form:** UNAIDS\_MTA.pdf

**Last Updated:** August 15, 2018

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