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DATA SHEET

Reagent: HIV-1 92UG031.4 gp160 Expression Vector

Catalog Number: 2432

Lot Number: 94044

Release Category: D

Provided: 4.1 µg of dried purified DNA stabilized in DNASTable *PLUS*

Cloning Vector: pCRII
Ampicillin and neomycin resistant

Cloning Site: TOPO TA cloned
The size of the insert is 2769 bp.

GenBank: [U08795](#)

Host Strain: Propagate in JM109 cells.

Description: Ugandan, subtype A. Full length gp160 clone, multiply defective.

Special Characteristics: The size of this construct is 6705 bp including the insert.
Envelope genes (gp160 and gp120) were PCR amplified from PBMC-grown HIV-1 isolates obtained from asymptomatic individuals within two years of seroconversion. Amplification products were cloned by T/A overhang. These clones represent HIV-1 subtypes A-E. Cell-free virus from which the clones were derived is also available (see table).
[Plasmid map and sequence file lot 94044](#)
This plasmid is part of a group of Env clones and each clone is available individually.
[Table of Available Env clones](#)

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.

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](#)

Alternate names include: HIV-1 pUG/92/031-4 gp160 DNA

Recommended Storage:

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

Contributor:

Viruses were provided by the WHO network for HIV Isolation and Characterization, and the Division of AIDS, NIAID. Clones were obtained from Dr. Beatrice Hahn, University of Alabama.

References:

Gao F, Yue L, Craig S, Thornton CL, Robertson DL, McCutchan FE, Bradac JA, Sharp PM, Hahn BH, WHO Network for HIV Isolation and Characterization. Genetic variation of HIV type 1 in four World Health Organization-sponsored vaccine evaluation sites: generation of functional envelope (glycoprotein 160) clones representative of subtypes A, B, C, and E. *AIDS Res Hum Retroviruses* **10**:1359-1368, 1994.

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 HIV-1 92UG031.4 gp160 Expression Vector from the WHO Network for HIV isolation and Characterization and Dr. Beatrice Hahn (cat# 2432)." Also include the reference cited above in any publications.

Required Form:

UNAIDS_MTA.pdf

Last Updated:

January 04, 2019

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