Reagent: HIV-1 Env Expression Vector (KSM4030.ec8)

Catalog Number: 13475

Lot Number: 190179

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 A KSM4030.ec8 Env protein.

Special Characteristics: This construct is 8458 bp including the insert.
This plasmid expresses Env derived from a patient from Kenya.
This clone is available individually, or as part of panel set #13467.

Panel of International HIV-1 Env Clones

GenBank Accession Number: MK501590

Sequence file lot 190179

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

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. Sodsai Tovanabutra


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 (KSM4030.ec8) from Dr. Sodsai Tovanabutra (cat# 13475)." 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@hjjf.org, before the reagent can be released.

Last Updated: October 29, 2020