



NIH AIDS Reagent Program

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DATA SHEET

Reagent: p89.6ΔE

Catalog Number: 12486

Lot Number: 140321

Release Category: C

Provided: 5 µg of dried purified DNA stabilized in DNASTable *PLUS*

Cloning Vector: pUC19
Ampicillin resistant

Cloning Site: Digestion with EcoRI and XhoI should yield 9 kb, 1.9 kb and 500 bp bands, instead of the expected bands from WT which would be 9 kb, 2.6 kb, and 500 bp.

GenBank: GenBank U39362 (wild type 89.6)
The sequence file and map for this construct is [HERE](#).

Host Strain: DH5α

Description: This construct expresses the molecular clone 89.6 (cat# 3552) bearing a 707 bp deletion in Env. When transfected into producer cells with a separate Env expression plasmid, this construct will generate infectious virus for single round infection.

Special Characteristics: 89.6ΔE was generated by cutting p89.6 (cat# 3552) with BsaBI and StuI, which removes a 707 bp piece of env and re-ligating the blunt ends. The resulting construct has a termination codon after the first 656 nucleotides of Env.

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: Kathleen Collins and Ronald Collman

References: Carter CC, Onafuwa-Nuga A, McNamara LA, Riddell J 4th, Bixby D, Savona MR, Collins KL. HIV-1 infects multipotent progenitor cells causing cell death and establishing latent cellular reservoirs. Nat Med. 2010 Apr;16(4):446-51. doi: 10.1038/nm.2109. Epub 2010 Mar 7. PubMed PMID:[20208541](#); PubMed Central PMCID: PMC2892382.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Cat# 12846 89.6ΔE from Dr. Kathleen Collins and Dr. Ronald Collman." Also include the reference cited above in any publications.

Last Updated: June 28, 2017

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