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DATA SHEET

Reagent: HIV-1 Infectious Molecular Clone (pNL-TK)

Catalog Number: 4120

Lot Number: 98135

Release Category: C

Provided: 1 vial ampicillin-resistant HB101. This construct must be propagated at 30°C to avoid loss of the insert.

Description: PCR-based cloning was used to insert HSV-1 TK cDNA into a replication-competent, nef-derivative of HIV-1_{NL4-3}.

Special Characteristics: Virus generated from this infectious molecular clone confers ganciclovir sensitivity to infected cells.

Recommended Storage: -70°C.

Contributor: Dr. Kuan-Teh Jeang.

References: Smith SM, Markham RB, Jeang KT. Conditional reduction of human immunodeficiency virus type 1 replication by a gain-of-herpes simplex virus 1 thymidine kinase function. *Proc Natl Acad Sci USA* **93**:7955-7960, 1996.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 Infectious Molecular Clone (pNL-TK) from Dr. Kuan-Teh Jeang (cat# 4120)." Also include the reference cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact the NIH Office of Technology Transfer, Email: NIAIDAIDSReagent@niaid.nih.gov, before the reagent can be released. Please specify the name and a description of the intended use of the reagent.

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.

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