NIH AIDS Reagent Program
20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent:	HIV-1 NL4-3 Env Expression Vector (pDOLHIVenvR)
Catalog Number:	322
Lot Number:	2
Release Category:	A
Provided:	1 ml (1.47 x 10^8) of transformed bacteria in 67% superbroth, 33% glycerol solution (65% glycerol [v/v], 0.1 M $MgSO_4$, 250 mM Tris, pH 8.0).
Cloning Vector:	pDOL (Korman AJ, et al. *Proc Natl Acad Sci USA* **84**:2150, 1987. Neomycin resistant. The antibiotic ß-kanamycin can be substituted for neomycin. Use at a final concentration of 12.5 µg/ml ß-kanamycin for liquid culture; use at 25 µg/ml for plates. Keep plates wrapped in foil until use as the antibiotic is light-sensitive. Digestion with *Sal*I or *Bam*HI may produce extra bands caused by a site prone to nicking during digestion.
Description:	This construct was designed as a control for pDOLHIVenv (Catalog #324).
Special Characteristics:	pDOLHIVenvR contains the same SalI-XhoI region (open reading frames for env, tat, and rev) as pDOLHIVenv (Cat# 324), however, it has been inserted in the reverse direction. Thus no glycoprotein is produced. Plasmid Map
Recommended Storage:	-80°C.
Contributor:	Dr. Eric O. Freed and Dr. Rex Risser.
References:	Freed EO, Myers DJ, Risser R. Mutational analysis of the cleavage sequence of the human immunodeficiency virus type I envelope glycoprotein precursor gp160. *J Virol* **63**:4670-4675, 1989.

NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, AIDS Program, NIAID, NIH: HIV-1 NL4-3 Env Expression Vector (pDOLHIVenvR) from Dr. Eric Freed and Dr. Rex Risser (cat# 322)." Also include the reference cited above in any publications.
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