



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: Cloning Vector (pLG339/SPORT)

Catalog Number: 3924

Lot Number: 1

Release Category: D

Provided: 1 vial kanamycin-resistant, transformed DH5 α (glycerol stock). Culture at 37°C.

Description: Contains the 5.5 kb *HincII-EcoRI* fragment from pLG339, which in turn contains the pSC101 *ori* and a kanamycin resistance gene. Also contains a 245 bp *FspI-EcoRI* fragment with the *pSPORT* multiple cloning site.
[Plasmid Map](#)

Special Characteristics: Low copy number, 5820 bp plasmid vector useful in stabilizing lentivirus sequences such as SIV, EIAV, Visna maedi, etc. for subcloning, propagation, and manipulation in *E. coli*. Reduces the level of toxic gene expression from cryptic promoter sequences.

Recommended Storage: -70°C

Contributor: Dr. Ronald C. Montelaro.

References: Cunningham TP, Montelaro RC, Rushlow KE. Lentivirus envelope sequences and proviral genes are stabilized in *Escherichia coli* when cloned in low copy number plasmid vectors. *Gene* **124**:93-98, 1993.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Cloning Vector (pLG339/SPORT) from Dr. Ronald C. Montelaro (cat# 3924)." Also include the reference cited above in any publications.

Last Updated February 22, 2019

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.

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.