



NIH AIDS Reagent Program

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DATA SHEET

Reagent: HIV-1 Protease Optimized Cloning Vector

Catalog Number: 828

Lot Number: 180345

Release Category: A

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

Cloning Vector: pUC18
Ampicillin resistant

Cloning Site: HindIII/EcoRI cloning site
The size of the insert is 325 bp.

Host Strain: 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.

Description: A HIV-1 BH10 optimized protease cloning vector that has been optimized to favor yeast and *E. coli*.

Special Characteristics: This construct is 2959 bp including the insert.
HindIII, BspM1, and NcoI sites are close to the N-terminus to allow fusion to express in the vector of choice.
[Contributor provided plasmid map and sequence file](#)
[Sequence file lot 180345](#)
Alternate names include: HIV-1 Protease Designer Gene
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

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.

reconstitution of dried DNA reagents. [Dried DNA Notice](#)

Recommended Storage:

Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

Contributor:

NIAID, DAIDS

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 Protease Optimized Cloning Vector from NIAID, DAIDS (cat# 828)." Also include the references cited above in any publications.

Last Updated:

November 13, 2019

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