



NIH AIDS Reagent Program

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DATA SHEET

Reagent: HIV-1 HXB2 SP2 His Expression Vector

Catalog Number: 13148

Lot Number: 170387

Release Category: A

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

Cloning Site: TOPO TA cloned
The size of the insert is 150 bp.

Cloning Vector: pcDNA3.4-TOPO
Ampicillin and neomycin resistant

Description: An expression vector which produces HIV-1 subtype B HXB2 SP2 protein with a 6xHis tag at the C-terminus.

Special Characteristics: This construct is 6160 bp including the insert.
This plasmid expresses SP2 derived from the HIV-1 HXB2 sequence and is under the control of the CMV promoter.
[Plasmid map and sequence file](#)
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.
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: NIAID, DAIDS

References: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 HXB2 SP2 His Expression Vector from NIAID, DAIDS."

Last Updated: January 26, 2018

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