



NIH AIDS Reagent Program

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DATA SHEET

Reagent: pCMV-*rev* (pRev-1)

Catalog Number: 1443

Lot Number: 130071

Release Category: D

Provided: 5 µg of dried purified DNA stabilized in DNastable *PLUS*

Cloning Site: BamHI

Cloning Vector: pCMV
Ampicillin resistance

Description: A 722 bp fragment from pCV-1 containing HIV-1 *rev* cDNA was obtained by Bsu36I digestion. This fragment was blunt end ligated into the BamHI site of pCMV to generate the 4972 bp plasmid pCMV-*rev*.

Special Characteristics: This construct is 4944 bp.
Expresses *rev* protein upon transfection into mammalian cells. Expression is driven by the simian CMV immediate early promoter. The *rev* cDNA is identical to the *rev* sequences cloned into plasmid pSV-*rev* (Catalog #1444), and is positioned between the CMV promoter and the rabbit β-globin splice and poly A signals.
Source of Pro Virus: pCV-1 (cDNA clone, Catalog #303).
[Plasmid map and sequence file lot 130071](#)
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](#)

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

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.

Contributor: Dr. Marie-Louise Hammarskjöld and Dr. David Rekosh.

References: Lewis N, Williams J, Rekosh D, Hammarskjöld M-L. Identification of a *cis*-acting element in human immunodeficiency virus type 2 (HIV-2) that is responsive to the HIV-1 *rev* and human T-cell leukemia virus types I and II *rex* proteins. *J Virol* 64:1690-1697, 1990.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: pCMV-*rev* from Dr. Marie-Louise Hammarskjöld and Dr. David Rekosh." Also include the reference cited above in any publications.

Corporate requests should be directed in writing to Dr. David Rekosh or Dr. Marie-Louise Hammarskjöld at the University of Virginia, Department of Microbiology, HSC Box 441, Charlottesville, VA 22908.

Last Updated: June 13, 2017

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