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:	pCMV-*rev* (pRev-1)
Catalog Number:	1443
Lot Number:	100103
Release Category:	D
Provided:	5 µg purified plasmid DNA (1 µg/µL) in TE.
Cloning Site:	*Bam*HI
Cloning Vector:	pCMV
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 *Bam*HI site of pCMV to generate the 4972 bp plasmid pCMV-*rev*. This clone has ampicillin resistance.
Special Characteristics:	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 ß-globin splice and poly A signals. Source of Pro Virus: pCV-1 (cDNA clone, Catalog #303).
Recommended Storage:	-70°C.
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:	September 18, 2014