



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** HIV-1 clone ZA012.29

**Catalog Number:** 11707

**Lot Number:** 130399

**Release Category:** C

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

**Cloning Vector:** CMV/R-MCS  
Kanamycin resistant

**Cloning Site:** The HIV-1 *env/rev* cassette was cloned directly into the cloning site of CMV/R-MCS expression vector, in the correct orientation with the CMV promoter. The size of the insert is ~2559 bp.

**GenBank:** [EU855133](#)

**Host Strain:** Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C.

**Description:** A PCR fragment containing full-length *env* and partial *rev* genes was derived from the genomic DNA of infected PBMC. The original virus obtained from the AIDS Reagent Program. The *env/rev* cassette was cloned into CMV/R-MCS expression vector by a directional cloning approach. A single transformed kanamycin resistant E.coli colony was selected and expanded.

**Special Characteristics:** This construct is 7187 bp including the insert.  
This clone expresses a functional *env/rev* cassette and can be used to generate pseudotyped infectious virions.  
[Plasmid map and sequence file lot 130399](#)  
This reagent is currently being provided as dried purified DNA stabilized in DNASTable

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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.

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.

**Contributor:** Dr. John Mascola

**References:** Nature Medicine, volume 13, no. 9, Sept 2007.

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 clone ZA012.29 (Cat#11707) from Dr. John Mascola." Also include the references cited above in any publications.

**Scientists at for-profit institutions or who intend commercial use of this reagent must contact Dr. John Mascola, Deputy Director, Vaccine Research Center, National Institute of Health, 40 Convent Drive, Room 4500, Bethesda, MD 20892, Email: [jm557m@nih.gov](mailto:jm557m@nih.gov), Tel:(301)594-8487.**

**Last Updated:** August 16, 2017

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