



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** HIV-1 clone DJ263.8

**Catalog Number:** 11704

**Lot Number:** 080217

**Release Category:** C

**Provided:** 10  $\mu$ L at 1  $\mu$ g/ $\mu$ L.

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

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

**Gene Bank:** EU855130

**Description:** A PCR fragment containing full-length env and rev genes was derived from the genomic DNA of infected PBMC. The original virus obtained from Drs. Francine McCutchan and Vicky Polonis of the US military HIV research 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 colong was selected and expanded. Recombinant plasmid carries resistance genes for kanamycin.

**Special Characteristics:** This clone expresses a functional env/rev cassette and can be used to generate psuedotyped infectious virions.

**Recommended Storage:** -20°C or lower

**Contributor:** Dr. John Mascola

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

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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.

**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 DJ263.8 (cat#11704) 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, Tel:(301)594-8487.**

**Last Updated:**

January 30, 2014

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