



NIH AIDS Reagent Program

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DATA SHEET

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| Reagent: | HIV-1 Infectious Molecular Clone (Q23x(MG505.W0M.ENV.C2)) |
| Catalog Number: | 12640 |
| Lot Number: | 140358 |
| Release Category: | C |
| Provided: | 5 µg of dried purified DNA stabilized in DNastable <i>PLUS</i> |
| Cloning Vector: | pCDNA3.1-TOPO (ampicillin and neomycin resistant) |
| Cloning Site: | TOPA TA, 5'-3'. Insert size, approximately 3 kb. Size of the cloning vector, including insert, is approximately 8.5 kb. |
| Host Strain: | DH5a |
| Description: | Full length chimeric HIV-1 provirus derived from a subtype A proviral clone, Q23-17 and engineered to encode a subtype A envelope variant obtained from a chronically infected woman. |
| Special Characteristics: | Click here for the contributor provided sequence data. Sequence file lot 140358 This reagent is currently being provided as dried purified DNA stabilized in DNastable <i>PLUS</i> . 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. Julie Overbaugh, Fred Hutchinson Cancer Research Center |

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.

References: Provine NM, Cortez V, Chohan V, Overbaugh J. The neutralization sensitivity of viruses representing human immunodeficiency virus type 1 variants of diverse subtypes from early in infection is dependent on producer cell, as well as characteristics of the specific antibody and envelope variant. *Virology*. 2012 May 25;427(1):25-33.
[ABSTRACT](#)

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Cat# 12640 HIV-1 Infectious Molecular Clone (Q23x(MG505.W0M.ENV.C2)) from Dr. Julie Overbaugh." Also include the reference cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact the Office of Business Development & Strategy, Email: MTA@fredhutch.org, before the reagent can be released. Please specify the name and a description of the intended use of the reagent.

Last Updated: September 28, 2020

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