



DATA SHEET

For research use only. Not for use in humans.

Reagent:	Human Immunodeficiency Virus Type 1 (HIV-1), Strain NL4-3 5' ΔVif Partial Molecular Clone (p197-1)
Catalog Number:	ARP-2481
Lot Number:	180431
Release Category:	C
Provided:	Each vial of ARP-2481 contains approximately 5 micrograms of dried, purified DNA stabilized in DNASTable®Plus. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents on the NIH HIV Reagent Program webpage.
Description:	ARP-2481 is a human immunodeficiency virus type 1 (HIV-1), strain NL4-3 partial molecular clone that contains a <i>vif</i> gene deletion. This HIV-1 <i>vif</i> deletion mutant was derived from p83-2 (available as ARP-2479). The cloning vector for ARP-2481 is pDR8, a derivative of pUC19. ARP-2481 is also referred to as HIV-1 NL4-3 p197-1 5' ΔVif DNA. <u>Note:</u> ARP-2481 can be propagated in <i>Escherichia coli</i>, strain DH5α.
Recommended Storage:	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.
Contributor:	Dr. Ronald Desrosiers, Dr. Jim Gibbs and Dean Regier
References:	Gibbs, S. J., D. A. Regier and D. S. Desrosiers. "Construction and <i>in vitro</i> Properties of HIV-1 Mutants with Deletions in "Nonessential" Genes." <i>AIDS Res. Hum. Retroviruses</i> 10 (1994): 343-350. PubMed: 8068414 .
Citation:	Acknowledgment for publications should read "The following reagent was obtained through the NIH HIV Reagent Program, Division of AIDS, NIAID, NIH: Human Immunodeficiency Virus Type 1 (HIV-1), Strain NL4-3 5' ΔVif Partial Molecular Clone (p197-1), ARP-2481, contributed by Dr. Ronald Desrosiers, Dr. Jim Gibbs and Dean Regier." Also include the references cited in any publications.
Biosafety Level: 1	Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. <i>Biosafety in Microbiological and Biomedical Laboratories</i> , 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmbl5/index.htm .
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Note:

Scientists at for-profit institutions or who intend commercial use of this reagent must contact Harvard Medical School Office of Technology Development, Email: hms_materialtransfer@harvard.edu, and specify the name of the reagent and a description of the intended use, before the reagent can be released.

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