



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	HIV-1 p66/p51 Reverse Transcriptase Recombinant Protein
Catalog Number:	3555
Lot Number:	140229
Provided:	25 µg at 1mg/mL.
Molecular Weight:	Dimer: 66 kDa/51 kDa.
Description:	This reverse transcriptase (RT) heterodimer is produced by using a bacterial expression system that expresses both p66 RT and protease (PR). PR acts on a ratio of p66 to produce p51. Together, p66 and p51 interact with each other, resulting in the heterodimer.
Special Characteristics:	Corresponds to native RT, with a histidine-tagged amino terminus. Stable to freeze-thaws.
Recommended Storage:	Keep at -80°C. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	Dr. Stuart Le Grice and Dr. Jennifer T. Miller
References:	Le Grice SFL, Cameron CE, Benkovic SJ. Purification of retroviral reverse transcriptase. DNA Replication. <i>Meth Enzymol</i> , Vol 262, Academic Press, NY, 1995.
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 RT Catalog #3555 from Dr. Stuart Le Grice and Dr. Jennifer T. Miller." Also include the reference cited above in any publications. Limited to two aliquots per lab per year. Larger amounts can be obtained upon request from the contributor. Scientists at for-profit institutions or who intend commercial use of this reagent must contact the Director of Contracts and Tangible assets, Email: stacy.fening@case.edu, before the reagent can be released. Please specify the intended use of the reagent.

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.

name and a description of the intended use of the reagent.

Last Updated:

November 29, 2017

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