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DATA SHEET

Reagent:	HIV-1 p66/p51 Reverse Transcriptase Recombinant Protein
Catalog Number:	3555
Lot Number:	160005
Provided:	25 µg of purified protein at 1 mg/mL in 50 mM Tris-HCl, pH 7.0, 25 mM NaCl, 1 mM EDTA, 50% (v/v) Glycerol.
Molecular Weight:	Dimer: 66 kDa/51 kDa
Purity:	>95% by Coomassie Blue staining
Description:	HIV-1 p66/p51 heterodimeric RT recombinant protein. Clone derived from patient sample.
Special Characteristics:	Produced in E. coli and purified via IMAC, cation exchange and size exclusion chromatography. Protein corresponds to native heterodimeric RT, contains an N-terminal 6XHis-tag on each subunit and is non-glycosylated. Integrity determined immunologically with anti-RT antibodies. This protein can also be used for antibody production. Donor provided sequence.
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 SFJ, Cameron CE, Benkovic SJ. Purification and characterization of human immunodeficiency virus type 1 reverse transcriptase. *Methods Enzymology* **262**: 130-144, 1995. Abstract.

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 name and a description of the intended use of the reagent.**
Last Updated:	November 29, 2017