

Active Recombinant HIV-1 IIIB p66 (RT) Protein

Cat. No. HIV1IIIBp66(RT)-125H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	HIV
Source	E.coli
Description	Full length Recombinant heterodimeric HIV-1 IIIB p66 (RT) produced in E.coli expression system. This protein shows reactivity with murine monoclonal antibodies and human polyclonal antibodies in ELISA and Western ELISA.
Form	Frozen Liquid
Bio-activity	0.1 unit of purified RT incorporates a minimum of 5 picomoles of dTTP per minute under standard RT assay conditions.
Molecular Mass	66 kD
Purity	> 98 % by SDS-PAGE
Applications	Reverse Transcriptase Reference; Diagnostics; ELISA / Western ELISA; Drug Screening.
Notes	Recommended concentrations for use are approximate values. A dose dependent

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response assay should be performed to determine the optimal concentration for use in specific applications.

ELISA and Western ELISA require 1-10ng protein depending on the nature and affinity of the test antibody. Solid phase antigen in 50-100ng amounts shows reactivity with human serum antibodies in dot blot assays.

Stability

At least 12 months at -75 centigrade.

Storage

Store at -75 centigrade.

Dilutions

50mM Tris,pH8,10% Glycerol Drug Screening, 1mM DTT,0.2M NaCl

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