



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** Sooty Mangabey MIP-1 $\beta$  Expression Vector

**Catalog Number:** 3471

**Lot Number:** 12/9/96

**Release Category:** E

**Provided:** Plasmid clone transfected into *E. coli* AD494 (DE3) pLysS as a frozen 30% glycerol stock.

**Cloning Site:** *KpnI*-*Bam*HI.

**Cloning Vector:** PET14B (Novagen, Madison WI).

**Description:** Contains the sequence coding for the mature form of mangabey MIP-1b cloned into the *KpnI*-*Bam*HI site of pET32a (Novagen, Madison WI).  
[Protocol for the Purification of Recombinant Mangabey MIP-1 \$\beta\$](#)

**Special Characteristics:** This clone contains the sequence coding for the mature form of mangabey chemokine macrophage inflammatory protein 1 $\beta$ . Mangabey MIP-1 $\beta$  was obtained by RT-PCR from RNA of activated mangabey PBMCs. An amino terminal histidine tag (6x) and S-Tag are linked in frame to the recombinant gene (227 aa fusion protein) via an enterokinase cleavage site that releases the 69 aa biologically active protein.  
Alternate names: pET32a/Mangabey MIP-1 $\beta$

**Contributor:** Dr. Francois Villinger.

**References:** Center DN, Kornfeld H, Cruikshank WW. Interleukin 16 and its function as a CD4 ligand. *Immunol Today* **17**:476, 1996.

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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.

**NOTE:**

The *E. coli* host strain AD494 should not be used for commercial purposes without prior consent of the Brookhaven National Laboratories.

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Sooty Mangabey MIP-1 $\beta$  Expression Vector from Dr. Francois Villinger (cat@ 3471)." Also include the reference cited above in any publications.

**Recipient must not use or incorporate the reagent for commercial purposes.**

**Last Updated:**

January 24, 2019

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