



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** Rhesus Macaque TRIM5a HA Expression Vector

**Catalog Number:** 10075

**Lot Number:** 060772

**Release Category:** C

**Provided:** 5 µg of dried purified DNA stabilized in DNASTable *PLUS*

**Cloning Site:** EcoRI/ClaI cloning site  
The size of the insert is 1541 bp.

**Cloning Vector:** pLPCX (Clontech)  
Ampicillin resistant

**Description:** The Rhesus TRIM5a was cloned from cDNA prepared from primary Rhesus lung fibroblast cells. PCR was used to clone the cDNA into the vector.

**Special Characteristics:** This construct is 7755 bp including the insert.  
The primers used for cloning HA-tagged Rhesus TRIM5a into pLPCX are:  
Forward:  
gcggaattcgccaccATGTACCCATACGACGTCCCAGACTACGCT  
GGCGGC gcttctggaatcctgqtaataatgtaaaq  
Reverse:  
ccatcgatggcTCAAGCGTAGTCTGGGACGTCGTATGGGTAGCCGCC  
agaqcttggtgagcacagagtcataq  
pLPCX is an MLV retroviral vector. It contains a puromycin resistance gene and expression of TRIM5a is driven by the CMV promoter. Protein and DNA sequence information available.  
[Contributor provided sequence file](#)

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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.

[Plasmid map and sequence file lot 060772](#)

This reagent is currently being provided as dried purified DNA stabilized in DNASTable PLUS. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. [Dried DNA Notice](#)

Alternate names include: pLPCX-TRIM5 $\alpha_{rh}$ -HA (rhesus monkey)

**Recommended Storage:**

Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

**Contributor:**

Drs. Joseph Sodroski and Matt Stremlau.

**References:**

Stremlau, M *et al.* The cytoplasmic body component TRIM5 $\alpha$  restricts HIV-1 infection in Old World monkeys. *Nature* **427**: 848-853, 2004

**NOTE:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Rhesus Macaque TRIM5 $\alpha$  HA Expression Vector from Drs. Joseph Sodroski and Matt Stremlau (cat# 10075)." Also include the reference cited above in any publications.

**Scientists at for-profit institutions or who intend commercial use of this reagent must contact Nancy Grodin at email address [nancy.grodin@dfci.harvard.edu](mailto:nancy.grodin@dfci.harvard.edu) and specify in the email the name of the reagent and a description of the intended use of the reagent. Patent Pending.**

**Last Updated:**

October 09, 2018

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