



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	pBABE-BOB (GPR15)
Catalog Number:	3664
Lot Number:	97167
Release Category:	C
Provided:	1 µg of dried purified DNA stabilized in DNASTable <i>PLUS</i>
Cloning Vector:	pBABE-puro
Cloning Site:	<i>Bst</i> XI sites of pBABE-puro polylinker
Host Strain:	DH5-alpha
Description:	BOB cDNA (2.2 kb, ORF approx. 1.1 kb) was PCR-amplified (Deng et al. <i>Nature</i> 388 :296, 1997) from cell clones transduced with a human T cell cDNA expression library (Kitamura et al., <i>Proc Natl Acad Sci USA</i> 92 :9146, 1995), and subcloned between <i>Bst</i> XI sites of the pBABE-puro MLV retroviral vector polylinker (Morgenstern JP, Land H <i>Nuclei Acids Res</i> 18 :3587, 1990). Total plasmid size is 7.3 kb.
Special Characteristics:	BOB, also described as GPR15 is a recently-identified seven-transmembrane molecule that serves as an entry cofactor for a broad spectrum of HIV-1, HIV-2, and SIV isolates. This reagent is currently being provided as dried purified DNA stabilized in DNASTable <i>PLUS</i> . Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. Dried DNA Notice
Recommended Storage:	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.
Contributor:	Dr. Dan Littman, Howard Hughes Medical Institute and Skirball Institute, New York University Medical Center.

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.

References: Deng, H et. al. *Nature* **388**:296, 1997.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: pBABE-BOB (GPR15) expression vector from Dr. Dan Littman."

Patent pending. Scientists at for-profit institutions or who intend commercial use of this reagent must contact the New York University Office of Industrial Liaison at the following email address: abram.goldfinger@nyumc.org

Last Updated: June 22, 2017

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