



NIH AIDS Reagent Program

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DATA SHEET

Reagent: HIV-2 Gal4-Tat Expression Vector (K70A)

Catalog Number: 3639

Lot Number: 7/15/97

Release Category: A

Provided: Each clone provided as 1 ml ampicillin-resistant, transformed bacteria.

Description: These constructs contain mutated HIV-2 tat genes. Inserts were constructed using PCR and/or recombinant PCR. Construction of the vector containing the Gal4 DNA binding domain fused to mutated HIV-2 tat-2 genes is described in Sadowski et al.

Special Characteristics: These plasmids encoding Gal4 DNA binding/Tat-2 fusion proteins are designed for transient expression assays in mammalian cells.
Alternate names include: pGal4Tat2 (K70A)

Recommended Storage: -70°C.

Contributor: Dr. Sandra Tong.

References: Pagtakhan AS, Tong-Starksen SE. Interactions between Tat of HIV-2 and transcription factor Sp1. *Virology* **238**: 221-30, 1997.
Sadowski I, Ptashne M. A vector for expressing GAL4 (1-147) fusions in mammalian cells. *Nucleic Acids Res* **17**:7539, 1989.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-2 Gal4-Tat Expression Vector (K70A) from Dr. Sandra Tong (cat# 3639)." Also include the reference cited above in any publications.

Research Chart:

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.

Research Chart:

Clone	Cat. No.	Lot	Description
pGal4Tat2 (K70A)	3639	1 7/15/97	Substitution mutation of core region (K70→A) in full-length tat-2 cDNA.
pGal4Tat2 (R81.84A)	3640	1 7/15/97	Substitution mutation of basic residues (R81.84) to alanine in full-length tat-2 cDNA.
pGal4Tat2 (26.45)	3641	1 7/15/97	Two exons; internal deletion of residues 26.45, inclusive.
pGal4Tat2 (46.130)	3645	1 7/15/97	Two exons; residues 1.45 deleted.
pGal4Tat2 (18.130)	3646	1 7/15/97	Two exons; residues 1.17 deleted.
pGal4Tat2 (1.80)	3647	1 7/15/97	One exon; residues 81.130 deleted.

Last Updated:

November 27, 2018

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