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DATA SHEET

Reagent:	HIV-1 LTR CAT Reporter Vector (pU3R-III CAT)
Catalog Number:	330
Lot Number:	1947
Release Category:	D
Provided:	1 ml (3.8 x 10^9 ampicillin-resistant transformed HB101 bacteria).
Cloning Vector:	pSV2CAT (Gorman, C.M., et al. *Mol. Cell. Biol.* **2**:1044, 1982).
Description of Clone:	*Xho*I-*Hind*III fragment (~720 base pairs) of HIV-1 cDNA clone C15 containing the U3 and R regions of the 3' LTR was cloned 5' to the chloramphenicol acetyltransferase (CAT) gene.
Cloning Site:	*Xho*I-*Hind*III.
Description:	An XhoI-HindIII fragment (approximately 720 base pairs) of HIV-1 cDNA clone C15 containing the U3 and R regions of the 3' LTR was cloned 5' to the CAT gene of pSV2CAT.
Special Characteristics:	This plasmid will direct the expression of CAT under control of the HIV-1 LTR sequences that are responsive to Tat. Plasmid Map
Recommended Storage:	-70°C.
Contributor:	Dr. Joseph Sodroski.

References:

Rosen CA, Sodroski JG, Campbell K, Haseltine WA. Construction of recombinant murine retroviruses that express the human T-cell leukemia virus type II and human T cell lymphotropic virus type III *trans*-activator genes. *J Virol* **57**:379-384, 1986. Sodroski J, Rosen C, Wong-Staal F, Salahuddin SZ, Popovic M, Arya S, Gallo RC, Haseltine WA. *Trans*-acting transcriptional regulation of human T-cell leukemia virus type III long terminal repeat. *Science* **227**:171-173, 1985.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 LTR CAT Reporter Vector (pU3R-III CAT) from Dr. Joseph Sodroski (cat# 330)." Also include the references cited above in any publications.

Last Updated

August 03, 2018