

Data Sheet

NAME :	vT139
REPOSITORY REFERENCE :	ARP2033
PROVIDED:	0.25 ml (3.4×10^9 pfu/ml) in MEM containing 10% FBS
CLONING VECTOR:	vAbT33, a K11-,M21-,LacZ ⁺ derivative of the NYCBH strain that cannot grow on RK ₁₃ cells due to the absence of the K1L host range gene.
CLONING SITE:	Vaccinia virus <i>HindIII</i> M region
DESCRIPTION:	A plasmid containing the vaccinia K1L gene and the HIV -1 _{92UG037.1} <i>nef</i> gene under control of the vaccinia 40K promoter was transfected into RK13 cells infected with vAbT33. The resultant recombinant, vT139, was isolated and purified in RK13 cells. Expansion of the culture was carried out in HeLa cells. The resulting virus was pelleted through a sucrose cushion.
SPECIAL CHARACTERISTICS :	Cells infected with vT139 express HIV-1 _{92UG037.1} <i>nef</i> gene (subtype A).
STERILITY:	Negative for bacteria, fungi, and mycoplasma.
STORAGE :	-70°C

SOURCE :

Therion Biologics Corporation in collaboration with Dr. Feng Gao and Dr. Beatrice Hahn, and Quality Biological, Inc. (courtesy of NIH AIDS Research and reference Reagent Programme.)

REFERENCE :

Gao F, Robertson DL, Morrison SG, Hui H, Craig S, Decker J, Fultz PN, Girard M, Shaw GM, Hahn BH, Sharp PM. The heterosexual human immunodeficiency virus type 1 epidemic in Thailand is caused by an intersubtype (A/E) recombinant of African origin. *J Virol* **70**:7013-7029, 1996.

ACKNOWLEDGEMENTS :

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Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR (this can be electronically or as a paper copy)