



NIH AIDS Reagent Program

20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent:	BC7 Cells
Catalog Number:	11434
Lot Number:	098360
Release Category:	B
Provided:	2 x 10 ⁶ cells/mL, viability 91%.
Cell Type:	Sup-T1 cells
Propagation Medium:	RPMI 1640, 90%; fetal bovine serum, 10%.
Freeze Medium:	Growth medium, 40%; fetal bovine serum, 50%; DMSO, 10%.
Growth Characteristics:	Cells grow in suspension as single cells. Passage when number exceeds 2 - 5 x 10 ⁶ cells/mL.
Morphology:	Single cells, non adherent, mostly rounded.
Sterility:	Negative for mycoplasma, bacteria and fungi.
Description:	CD4-negative variant of SupT1.
Special Characteristics:	<p>BC7 cells were derived from a culture of HIV-1/NL4-3 infected SupT1 cells that were determined by PCR of Gag, Env, and Nef regions, not to be infected. They were subsequently shown not to express CD4 and to be resistant to HIV-1 infection.</p> <p>Useful as a control for CD4 dependent infection and possibly to select for CD4-independent viruses.</p>

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.

Recommended Storage: Liquid Nitrogen

Contributor: Dr. James Hoxie

References: Endres MJ, Clapham PR, Marsh M, Ahuja M, Turner JD, McKnight A, Thomas JF, Stoebenau-Haggarty B, Choe S, Vance PJ, Wells TN, Power CA, Sutterwala SS, Doms RW, Landau NR, Hoxie JA. CD4-independent infection by HIV-2 is mediated by fusin/CXCR4. *Cell*, **87** (4): 745-56 (1996).

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: BC7 (Cat# 11434), from Dr. James Hoxie." Also include the reference cited above in any publications.

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