



## NIH AIDS Research & Reference Reagent Program

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### DATA SHEET

<b>Reagent:</b>	pBKBH10S DNA
<b>Catalog Number:</b>	194
<b>Lot Number:</b>	3 93150
<b>Release Category:</b>	A
<b>Provided:</b>	10 $\mu$ l (0.6 $\mu$ g) in 100X TE buffer. The DNA can be diluted or precipitated if the buffer concentration is too high for the desired application.
<b>Cloning Vector:</b>	pBluescript II-KS(+) (Stratagene Cloning Systems).
<b>Cloning Site:</b>	<i>Sst</i> I.
<b>Special Characteristics:</b>	Contains all HIV-1 gene coding regions but does not contain HIV-1 LTR. Useful for making molecular probes and <i>in vitro</i> transcription of noninfective viral RNA. Transformed bacteria derived from this plasmid DNA should be grown at 30°C to minimize the occurrence of deletions in the long insert (Joshi A, Jeang K-T, <i>Biotechniques</i> <b>14</b> :884-886, 1993).
<b>Recommended Storage:</b>	-70°C.
<b>Contributor:</b>	Dr. John Rossi.
<b>Description:</b>	The 8.9 kb <i>Sst</i> I fragment (nt 222-9154) of BH10 was inserted into the <i>Sst</i> I site of pBluescript II-KS(+). The insert is oriented so that transcription from the T7 promoter produces sense RNA.
<b>References:</b>	Chang PS, Cantin EM, Zaia JA, Ladne PA, Stephens DA, Sarver N, Rossi JJ. Ribozyme-mediated site-specific cleavage of the HIV-1 genome. <i>Clin Biotechnol</i> <b>2</b> :23-31, 1990.

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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.

**NOTE:**

Acknowledgment for publications should read "The following reagent was obtained through the AIDS Research and Reference Reagent Program, Division of AIDS, NIAID, NIH: pBKBH10S from Dr. John Rossi." Also include the reference cited above in any publications.

**Last Updated**

August 26, 2010

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