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PRODUCT: Adeno-X™ System 1 Viral DNA (linear)

CATALOG No. 631026

LOT NUMBER

Specified on product label.

STORAGE CONDITIONS

- Store at -20°C.
- Spin briefly to recover contents.
- Avoid repeated freeze-thaw cycles.

SHELF LIFE

6 months from date of receipt under proper storage conditions

SHIPPING CONDITIONS

Blue ice (4°C)

FOR RESEARCH USE ONLY

DESCRIPTION

Adeno-X™ System 1 Viral DNA is approximately 33 kb and is produced by double digestion of circular Ad5 E1/E3-deleted adenoviral DNA with restriction endonucleases I-*Ceu* I and PI-*Sce* I. Up to 8 kb of exogenous DNA, containing flanking I-*Ceu* I and PI-*Sce* I sites, can be ligated to Adeno-X Viral DNA for the production of recombinant adenovirus.

PACKAGE CONTENTS

- 20 µl Adeno-X Viral DNA (PI-*Sce* I/I-*Ceu* I digested; 250 ng/µl)

QUALITY CONTROL DATA

Adeno-X System 1 Viral DNA (linear) was ligated to I-*Ceu* I/PI-*Sce* I-digested pShuttle2-lacZ as described in the User Manual (PT3414-1). The ligation reaction products were subsequently digested with *Swa* I and transformed into electrocompetent *E. coli* cells. Transformants were selected on LB/Amp (100 µg/ml) agar plates. The ligation reaction produced >20 ampicillin-resistant *E. coli* clones of which ≥40% contained recombinant adenoviral DNA.



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