

Centre for AIDS Reagents.

Data Sheet

NAME: pNIBSC7 (SIV gag)

REPOSITORY REFERENCE: **ARP220**

HOST: XL-1 Blue or JM101

DESCRIPTION OF CLONE: pNIBSC7 is dsM13 mp19 containing the entire gag gene of SIVmac251 (32H isolate).

CLONE PRODUCTION: The genomic DNA was extracted from C8166 cells infected with SIVmac251 (32H) and digested with EcoR1. The below primers were used to insert RE sites EcoR1 and Sma1 at the 5' end and HindIII and Sca1 at the 3' end of the PCR product. The 1500bp PCR product was then digested with EcoR1 and Sca1 and ligated into the vector.

PRIMERS USED:

FWD ###
 5'- GG AAT TC C CCG GGG ATG GGC GCG AGA AAC TCC GTC -3' ###= Start Methionine
 EcoR1 Sma1

REV +++
 5'- CA AGC TT A GTA CTA CTG GTC TCC TCC AAA GAG -3' +++= Stop codon
 HindIII Sca1

CLONING VECTOR: M13 mp19

CLONING SITE: EcoR 1 - Sca 1

PRESENTATION: Supplied as ds RF DNA.

SOURCE: Drs P Kitchin and N Almond.

REFERENCE: AIDS Res. Hum. Retroviruses 8 (1), 77-88 (1992) Almond,N., Jenkins,A., Slade,A., Heath,A., Cranage,M. and Kitchin,P.

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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)