

Data Sheet

NAME :	vp1488
REPOSITORY REFERENCE :	ARP 2030
PROVIDED:	250 µl (1.1 x 10 ¹⁰ pfu/ml).
CLONING VECTOR:	WR (host range selection system) insertion plasmid.
CLONING SITE:	Vaccinia virus K1L region
DESCRIPTION:	Contains the HIV-1 Clade C gp 160 coding sequence. The vaccinia virus early/late H6 promoter is cloned upstream of the env coding sequences. The env sequences have been modified to remove two T ₃ NT vaccinia virus early transcription termination sequences by changing the base composition without altering the amino acid sequence.
SPECIAL CHARACTERISTICS :	Cells infected with vp 1488 express HIV-1 Clade C gp 160 which is properly processed and transported.
STERILITY:	Negative for bacteria, fungi, and mycoplasma
STORAGE :	-70°C
SOURCE :	Virogenetics Corp. (courtesy of NIH AIDS Research and Reference Reagent Programme.)

REFERENCE :

Perkus ME, Limbach K, Paoletti E. Cloning and expression of foreign genes in vaccinia virus, using a host range selection system. *J.Virol* **63**:3829-3836, 1989

Gao F, Yue L, Craig S, Thornton CL, Robertson DL, McCutchan FE, Bradac JA, Sharp PM, Hahn BH. Genetic variation of HIV type 1 in four World Health Organisation-sponsored vaccine evaluation sites: generation of functional envelope (Glycoprotein 160) clones representative of sequence subtypes A,B,C, and E. WHO Network for HIV isolation and Characterisation. *AIDS Res Hum Retroviruses* **10**:1359-1368, 1996

Goebel SJ, Johnson GP, Perkus ME, Davis SW, Winslow JP, Paoletti E. The complete DNA sequence of vaccinia virus. *Virology* **179**:247-266, 1990

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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)