

## Centre for AIDS Reagents

### Data Sheet

**PRODUCT NAME:** pCDNA3.1 Zeo V5 Vpx SIVrod

**REPOSITORY REFERENCE:** #100231

**DESCRIPTION:** Vpx sequence from HIV2 Rod cloned into pcDNA3.1 vector between KpnI and XhoI. The vector contains a V5 tag that is in-frame with the N-terminus of each Vpx gene. Ampicillin resistant.

**VECTOR:** pcDNA3.1 Zeo

**INSERT:** HIV2 rod Vpx

Protein sequence

**Meggkpi

nplgl**dstgtdmpretvppgnsgeetigeafawlNrtveainreavnhlprelifqvwqrswwrywhdeqgms  
esytkyrylciiqkavymhvrkgctclgrghgpggwrpgppppppppglv

V5 tag and GT (KpnI cloning site) are in red.

DNA sequence

ATGGAAGGTGGTAAGCCTATCCCTAACCTCTCCTCGGTCTCGATTCTACGGGTACCATGACAGACCCCA  
GAGAGACAGTACCACCAGGAAACAGCGGCGAAGAGACTATCGGAGAGGCCTTCGCCTGGCTAAACAGGAC  
AGTAGAAGCCATAAACAGAGAAGCAGTGAATCACCTACCCGAGAACTTATTTCCAGGTGTGGCAGAGG  
TCCTGGAGATACTGGCATGATGAACAAGGGATGTCAGAAAGTTACACAAAGTATAGATATTTGTGCATAA  
TACAGAAAGCAGTGATCATGATGTTAGGAAAGGGTACTTGCCTGGGGAGGGGACATGGGCCAGGAGG  
GTGGAGACCAGGGCCTCCTCCTCCCCCTCCAGGTCTGGTCTGA

**BACTERIAL HOST:** DH5 $\alpha$ /TOP10

**PRESENTATION:** 5 $\mu$ g (100ng/ $\mu$ L) in TE (10mM Tris, 1mM EDTA, pH8.0)

**STORAGE:** -20 $^{\circ}$ C

**REFERENCE:** DeLucia, M., Mehrens, M., Wu, Y., and **Ahn, J.** HIV-2 and SIVmac accessory virulence factor Vpx down-regulates SAMHD1 enzyme catalysis prior to proteasome-dependent degradation. J. Biol. Chem. 288, 19116-19126 (2013)

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