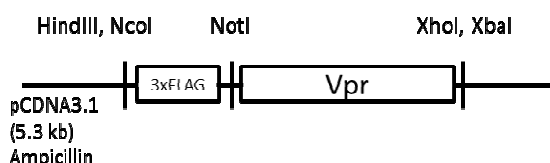


## Centre for AIDS Reagents – Data Sheet

**PRODUCT NAME:** pcDNA3.1 3xFLAG SIV Deb Vpr

**REPOSITORY REFERENCE:** #100 145

**DESCRIPTION:** Vpr sequence from SIV Deb (CM5) cloned into pcDNA3.1 vector between NotI site at 5' end and either XbaI or XhoI site at 3' end. The vector contains a 3xFLAG tag that is in-frame with the N-terminus of each Vpr gene. Ampicillin resistant.



**VECTOR:** pcDNA3.1

**INSERT:** SIV Deb Vpr

Protein sequence

MDYKDHDGDYKDHDIDYKDDDDKGAAMERYPPSHPPHFTSRTVPMTRLALQQAMQDLNNEALKHFTREELWGVWNHCV  
DLPAQPDWTGEQAWAASVIDYIKIVQRMLWLHLREACFHREREREATRRYPNIRPLTGRNREVRDGE\*

DNA sequence (human codon optimized)

TTAAGCTTAGCCACCATGGACTACAAGGACCACGACGGCGACTACAAGGACCACGACATCGACTACAAGGACGACGACG  
ACAAGGGGGCGGCCCTATGGAAAGATACCCCTTCTCACCTCCTCACTTCACTTCTCGCACTGTCCCTATGACCCGACT  
GGCTCTGCAGCAGGCTATGCAGGACCTGAACGAGGAAGCCCTGAAGCACTTACCCGAGAGGAACTGTGGGGCGTGTG  
GAATCATTGCGTCGACCTGCCCGCTCAGCCTGATTGGACAGGAGAGCAGGCATGGGCAGCTAGCGTGATCGATTACATC  
AAAATTGTCCAGAGGATGCTGTGGCTGCACCTGCGCGAAGCATGTTTTCATCGGGAGAGAGAAGCCACCAGAAGATACC  
CAAACATTAGACCCCTGACTGGCAGAAATCGGGAAGTGAGAGACGGAGAGTA~~ACT~~CGAGTCTAGA

**BACTERIAL HOST:** DH5α

**PRESENTATION:** 5μg (see vial for concentration) in TE (10mM Tris, 1mM EDTA, pH8.0)

**STORAGE:** -20°C

**REFERENCE:** Lim et al., The Ability of Primate Lentiviruses to Degrade the Monocyte Restriction Factor SAMHD1 Preceded the Birth of the Viral Accessory Protein Vpx, Cell Host & Microbe (2012), doi:10.1016/j.chom.2012.01.004.

**CONTRIBUTOR:** Dr Michael Emerman

**ACKNOWLEDGEMENTS:** Publications should acknowledge the contributor and the Centre for AIDS Reagents. Acknowledgments should read: "The *Name of Reagent (Repository Number)* was obtained from the Centre for AIDS Reagents, NIBSC, UK, supported by EURIPRED (EC FP7 INFRASTRUCTURES-2012 - INFRA-2012-1.1.5.: Grant Number 31266). [www.euripred.eu/](http://www.euripred.eu/)