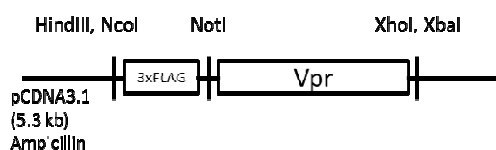


Centre for AIDS Reagents – Data Sheet

PRODUCT NAME: pcDNA3.1 3xFLAG SIV Mus Vpr

REPOSITORY REFERENCE: #100 146

DESCRIPTION: Vpr sequence from SIV Mus (CM1239) 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 Mus Vpr

Protein sequence

MDYKDHDGDYKDHDIDYKDDDDKGAAMERVPSPHRPPWHSRVPTTMQQAQQAMWDLNEEAEKHFSREELRGIWND
VTELPADPNWTVDQAAIACAIDYIRRTQTLLFRHYREGCYHRYSNITIRRYPNIRPLRGTQAPPSNSMPNADPTPLRPSRYRMD
E*

DNA sequence (human codon optimized)

TTAAGCTTAGCCACCATGGACTACAAGGACCACGACGGCGACTACAAGGACCACGACATCGACTACAAGGACGACGACG
ACAAGGGGGCGGCCGCTATGGAAAGAGTCCCCCTTCTCACCGACCTCCCTGGCATTCTCGCGTGGTCCCAACAACATG
CAGCAGGCTCAGCAGGCTATGTGGGACCTGAACGAGGAAGCTGAGAAGCACTTCTCTCGCGAGGAAGTGGGAGGCATCT
GGAACGATGTGACTGAACTGCCAGCAGACCCCAATTGGACCGTCGATCAGGCCGCTATTGCATGCGCCATCGACTACATT
CGGAGAACCCAGACTGCTGTTTCGACACTATCGGGAGGGCTGTTACCATAGGTATAGCAACACAATCAGGGCGCTACCC
TAATATTAGACCACTGAGGGGAACCCAGGCACCACCTAGCAATCCATGCCAAACGCAGACCCCAACACCACCCCTGAGAC
CCAGCAGATACAGAATGGACGAATAACTCGAGTCTAGA

BACTERIAL HOST: DH5 α

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

STORAGE: -20 $^{\circ}$ 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.

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