

Data Sheet

NAME: CM244.ec1

REPOSITORY REFERENCE: ARP2053

PROVIDED: 50µg (740µg/ml)

CLONING VECTOR: pcDNA 3.1 D/V5-His-TOPO

HOST: JM109

DESCRIPTION: Env clones with inserts in the correct orientation screened for infectivity by cotransfection with an env deficient HIV-1 (SG3env) backbone in 293T cells

SPECIAL CHARACTERISTICS: The plasmid was grown in Stbl2 Competent cells incubated overnight at 30°C. For higher yields grow at room temperature, however this will take a few days.

RESTRICTION: CM244ec1 cut with EcoRV
Correct = 6422bp + 2075bp
Wrong= 7561bp + 936bp

STORAGE: +4°C (for long term storage at least -20°C)
Avoid multiple freeze thaw cycles.

SOURCE: Dr. V Polonis

ACKNOWLEDGEMENTS: Publications should acknowledge the donor of the reagent and the Programme EVA Centre for AIDS Reagents. Suggested wording can be found on our website at <http://www.nibsc.ac.uk/spotlight/aidsreagent/index.html> in the "Acknowledgements" section.
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)

CM244.ec1 SEQUENCE

TAGCCGCCGCCATGGCAGGAAGAAGCGGAAGCACCGACGAGGAACTCCTC
AGAGCAGTAAGGATCATCAATATCCTATAACCAAAGCAGTAAGTAATAAGT
ATATGTAATATCACCTTTGGAAATTAGTGCAATAGTAGGACTGATAGTAG
CGCTAATCTTAGCAACAGTAGTGTGGACTATAGTAGTTATAGAATTTAAG
AAAATACTAAGGCAAAGAAAAATAGACAGGTTAGTTAAGAGAATAAGAGA
AAGAGCAGAAGACAGTGGAAATGAGAGTGAAGGAGACACAGATGAATTGG
CCAACTTGTGGAAATGGGGGACTTTGATCCTTGGGTTGGTGATAATTTG
TAGTGCCTCAGACAACCTTGTGGGTTACAGTTTATTATGGGGTTCCTGTGT
GGAGAGATGCAGATAACCACCTATTTTGTGCATCAGATGCCAAAGCACAT
GAGACAGAAGTGCACAATGTCTGGGCCACACATGCCTGTGTACCCACAGA
CCCCAACCCACAAGAAATAGACCTGGAAAATGTAACAGAAAATTTTAACA
TGTGGAAAAATAACATGGTAGAGCAGATGCAGGAGGATGTAATCAGTTTA
TGGGATCAAAGTCTAAAGCCATGTGTAAAGTTAACTCCTCTCTGCGTTAC
TTTACATTGTACTAATGCTAATTTGACCAAAGCTAATTTGACCAATGTCA
ATAACAGAACCAATGTCTCTAACATAATAGGAAATATAACAGATGAAGTA
AGAAACTGTTCTTTTAATATGACCACAGAACTAAGAGATAAGAAGCAGAA
GGTCCATGCACCTTTTTTATAAGCTTGATATAGTACCAATTTGAAGATAATA
ACGATAATAGTAAGTATAGGTTAATAAAATTTGTAATACTTCAGTCATTAAG
CAGGCTTGTCCAAAGATATCCTTTGATCCAATTCCTATACATTATTGTAC
TCCAGCTGGTTATGCGATTTTAAAGTGTAAATGATAAGAATTTCAATGGGA
CAGGGCCATGTAAAAACGTCAGCTCAGTACAATGCACACATGGAATTAAG
CCAGTGGTATCAACTCAATTGCTGTTAAATGGCAGTCTAGCAGAAGAAGA
GATAATAATCAGATCTGAAGATCTCACAAAACAAATGCCAAAACCATAATAG
TGCACCTTAATAAAATCTGTAGTAATCAATTGTACCAGACCCTCCAACAAT
ACAAGAACAAGTATAACTATAGGACCAGGACAAGTATTTCTATAGAACAGG
AGACATAATAGGAGATATAAGAAAAGCATATTTGTGAGATTAATGGAACAG
AATGGAATAAAGCTTTTAAACAGGTAAGTAAAAGTTAAAAGAGCACTTT
AATAATAAGCCAATAAATCTTTCAACCACCTCAGGAGGAGATCTAGAAAT
TACAATGCATCTTTAATTGTAGAGGAGAATTTTCTATTGCAATACAA
CACGACTGTTTAAATAACTTTGCATAGCAAATGGAACCATAGAGGGGTGT
AATGGCAATATCACACTTCCATGCAAGATAAAAACAAATTTATAAACATGTG
GCAGGGAGCAGGACAAGCAATGTATGCTCCTCCCATCAGTGGAAACAATTA
ATTGTGTATCAAATATTACAGGAATACTATTGACAAGAGATGGTGGTGCT
ACTAATAATACGAATAACGAGACCTTCAGACCTGGAGGAGGAAATATAAAA
GGACAATTTGGAGAAATGAATTATATAAAATATAAAGTAGTACAAATTTGAAC
CACTAGGAGCAGCACCCACCAGGGCAAAGAGAAGAGTGGTGGAGAGAGAA
AAAAGAGCAGTGGGAATAGGAGCTATGATCTTTGGGTTCTTAGGAGCAGC
AGGAAGCACTATGGGCGCGGCGTCAATAACGCTGACGGTACAGGCCAGAC
AATTATTGTCTGGTATAGTGCAACAGCAAAGCAATTTGCTGAGGGCTATA
GAGGCGCAGCAGCATCTGTTGCAACTCACAGTCTGGGGCATTTAAACAGCT
CCAGGCAAGAGTCTGGCTGTGGAAAAGATACCTAAAAGGATCAAAAAGTTCC
TAGGACTTTGGGGCTGCTCTGGAAAAATCATCTGCACCACTGCAGTGGCC
TGGAATCCACTTGGAGTAATAAATCTCTTGAAGAGATTTGGAACAACAT
GACATGGATAGAATGGGAGAGAGAAATTAGCAATTACACAAAACAAATAT
ATGAGATACTTACAAAATCGCAGGACCAGCAGGACAGGAATGAAAAGGAT
TTGTTAGAATTTGGATAAATGGGCAAGTCTGTGGACTTGGTTTGACATAAC
AAATTGGCTGTGGTATATAAAAAATTTTATAATGATAGTGGGAGGTTTAA
TAGGATTAAGAATAAATTTTGTCTGTGCTTTCTATAGTGAATAGAGTTAGG
CAGGGATACTCACCTTTGTCTTTCCAGACCCCTTGCCATCATCAGAGGGA
ACCCGACAGACCCGAAAGAATCGAAGAAGAAGGTGGCGAGCAAGGCAGAG
ACAGATCCGTGCGATTAGTGAGCGGATTCTTAGCTCTTGCATGGGACGAT
CTACGGAGCCTGTGCCTCTTCAGCTACCACCGCTTGAGAGACTTCATCTT
GATTGCAGCGAGGACTGTGGAATTTCTGGGACGCAGCAGTCTCAAGGGAC
TGAGACGGGGGTGGGAAGGCCTCAAATATCTGGGGAATCTTCTGTTATAT

TGGGGTCAGGAACTAAAAATTAGTGCTATTTCTTTGCTTGATGCTAC
AATAGCAGTAGCGGGGTGGACAGATAGGGTTATAGAAGTAGCACAAGGAG
CTTGAAAAGCCATTCTCCACATACCTAGAAGAATCAGACAGGGCTTAGAA
AGGGCTTTGCAATAACATGGGAGGCAAGTGGTCAAAAAGTAGCATAGTGG
GATGGCCTCAGGTCAGGGAAAAAATAAAGCAAACCTCTCCAGCAACAGAA
GGAGTAGGAGCAGATCTCGAGAC