

Centre for AIDS Reagents

Data Sheet

PRODUCT NAME: HIV-1 Env gp160 clone (KCL162)

REPOSITORY REFERENCE: #100 373

DESCRIPTION: The HIV-1 gp160 sequence derived from a clinical sample collected in the UK has been cloned in the pcDNA™3.1/V5-His TOPO® TA. Transfection of this plasmid in mammalian cells allows the expression of the gp160 protein and can be used to generate pseudovirus.

ORIGIN: Clinical sample collected in the UK

SUBTYPE: C

HIV gp160 SEQUENCE:

```
ATGAGAGTGAGGGGGATACCGAGGAATTGTCCCAATGGGGGATATGGGGCATCTTAGGCTTTGGATAATAATGATTGTAGTGTAAATGGGAACTGTGGGTACAGTCTATTATG
GGGTACCTGTGTGGAAAGCAAACTACGCTATTCTGTGCATCAGATGCTAAATCATATGAGAGAGAAGTGCATAATGTCTGGGCTACACATGCCTGTGTGCCACAGACCCCAAC
CCACAAGAAATAGTTTGGAAAATGTAACAGAAAAATTTAACATGTGGAAAAATGACATGGTGGATCAGATGCAATGAGGATGTAATCAGTTTTATGGGATCAAAGCCTAAAGCCATGTGT
AAAGTTGACCCACTCTGTGTCACCTAATTGTAGCAAAGCTAATTTACCAGGAATAGCACTCTTATCAGTAATGGTGCCTAATTAACAATACTGATGATATAAAAAATTGCTCTTTCA
ATACAACCACAGAACTAAGAGATAAGCAACGGACAACGTATGCACCTTTTATAGACTGTAGTACCCTTGATACTAAAAGTAAATGGAAGTAAAGATATATATTA
TAAATTGCAATACCTCAGCCATAACACAAGCTGTCCAAAAGTCTCTTTGACCAATTCTATACACTATTGTGCTCCAGCTGGTTATGCGATTCTAAAGTGAATAATAAGACATTCAAT
GGGACAGGACCATGCAAGAATGTCAGCACAGTACAATGCACACATGGGATTAAGCCAAGTATGATCACTCAACTACTGTTAAATGGTAGCCTAGCAGAAGGGGAGGAGGTAATAATCA
GATCTAAAAATCTGACAGACAATGCCAAAATAATAATAGTACACCTTAATGAATCTGTAGAAAATGTGTGTACAAGACTGGCAATAATACAAGAAAAAGTATAAGGATAGGACAGGA
CAAGTATTCTATGCACAGATGATATAATAGGAGACATAAGACAAGCACACTGTAACATTAGTACAGACAAATGGAATAAACTTTAGAACAGGTAGGGAAAAATTAAGGGTATTT
TAATGGAAACAAAATAGTGTTCGAACCATCTCAGGAGGAGATCTAGAAAATTGCAACACATAGTTTTAATTGCAGAGGAGAATTTTTCTATTGCAATACAACAGATCTGTTAATACAGC
AAAAGTCTTAAATAGTACAGCAACACAACCACCTCCATGTAGAATAAAAAAAAATTAACAATCTGTGGCAGGAGGTAGGACGAGCAATGTATGCTCCTCCATTGCAGGAAACATAAC
ATGTAATCAATATACAGGACTACTCTGCTGCGTGTGGAGGAAATGAAGAAAATAGCACAGGGAAGGAGACATTAGACCTGGAGGAGGAGATATGAGGGCAATGGAGAA
GTGAATATATAAATATAAAGTGGTGAAGAATTAAGCCATTGGGAATAGCACCCACTAATGCAAAAAGGAGAGTGGTGGAGAGAGAAAAAGAGCAGTGGGAATAGGAGCTGTGTTCC
TTGGGTTTCTGGGAGCAGCAGGAAGCACTATGGGCGCAGCGTCAATAACCGTACAGGTTACAGGCCAGACAACTGTTGCTGGTATAGTGCAACAGCAAAGCAATTTGCTGAGAGCTAT
AGAGGCGCAACAACATTTGTCACACTCAGTCTGGGGCATAAAGCAGCTCCAGACAAGAGTCTGGCTATAGAAAAGATCACTAAAGGATCAACAGCTCTAGGGATATGGGGCTGC
TCTGAAAACATCATGCAACCACTGCTGTACCTTGGAACTCCAGTTGGAGTAATAAATCTCAGACAGATATTTGGAACAACATGACTTGGATGCAATGGGATAAAGAAAATAGTAATAT
ACACACAATATATCAATTGCTGAAGAATCGCAAATTCAGCAGGAAAAAGAAATGAAAAAGATTTATTAGCACTGGACAGTTGAAAAGTCTATGGAATTGGTTTAGCATAACAAACTG
GCTGTGGTATATAAAGAAATTCATCATAATAGTAGGAGGTTTGTAGGTTTGAAGAATAGTTTTGCTGTGCTTTATAGTGAACAGAGTTAGGCAGGGATACTCACCTTTGTCATTCCAG
ATCCTTGCCCAACACAGAGGGGACCCGACAGGCTCAGAGGAATCGAAGAAAGAGGTGGAGAGCAAGACAGAGACAGATCCGTGCGATTAGTGAACGGATTCTAGCGATTGCTGG
GACGACCTGAGGAGCCTGTGCACTTTTCAGCTACCACCTATTGAGAGACTTCATATTGGTGACAGCGAGAGCAGCGGAGCTTCTGGACGAGGGGGTGGGAAGCCCTAAGTGTCTGG
GAAATCTGTGCTGATTGGGGCTGGAGCTAAAAAAGAGTCTATTAGTCTGCTGTGATACCAATAGCAATAGCAGTGTGAGGGGAACAGATAGGATTAAGAATTAATAAGGAACATT
TGTAGAGCTATCTCCGCATACCTACAAGAATAAGACAGGGCTTTGAAGCAGCTTTGCTATAA
```

PRESENTATION: 50µl (100ng/µL) in TE (10mM Tris, 1mM EDTA, pH8.0)

STORAGE: -20°C

CONTRIBUTOR: Centre for AIDS Reagents, National Institute for Biological Standards and Control, Blanche Lane, South Mimms, Potters Bar, Hertfordshire, EN6 3QG, UK.

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/