

Centre for AIDS Reagents

Data Sheet

PRODUCT NAME: HIV-1 Env gp160 clone (BJ2015EU16)

REPOSITORY REFERENCE: #100 608

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.
Plasma (#100179) and primary isolate (#100223) are also available.

ORIGIN: Clinical sample collected in China

SUBTYPE: CRF07_BC

HIV gp160 SEQUENCE:

```
ATGAGAGTGATGGGGATCAAGAAGAATTGGCATTATGGAGATGGGGCACCATGCTCCTTGGAAATGTTGATGATCTGTAGTACTGCAGGAACTTGTGGTCCACAGTCTATTATGGGG
TACCTGTATGGAAGAGGCACTACAACCTTTATTCTGTGCATCAGACGCTAAAAACATATGATACAGAGGTACATAAATGTTGGGCTACACATGCTGTACCCACAGACCCCAACCCAC
AAGAAATGCTTGGAAAAATGAACAGAAAAATTTAACATGTGGAAAAATGAGATGGTAAATCAGATGCATGAAGATGTAATCAGTTTATGGGAACAAAGCCTAAAGCCATGTGTAAA
GTTGACCCCACTCTGTGTCACTTTAACTGTACAAATGTTACCAAGTACAAATGTTAACAGTACTAGTAGCAGTAATACCAAGTAATAGTAGTATATTAGTAATAGTACCCTTGAGATGAAA
AATTGCTCTTCAATCAACCCAGAGTAAAGAGATAAGGAGCAGAAAGTGTATGCACCTTTTTATAGCCTTGATATAGTAAACTTAGTAATAGTCTTATAGATTAGTAAATTGTAATA
CCTCAGCCATAACACAAGCCTGTCCAAAGGTCGCGTTTGTCAATTCCTATACACTATTGCCTCCTGCTGTTATGCACCTTAAAGTGTAAATGATAAGAGGTTCAATGGGACAGGACC
ATGCCATAATGTTAGTTCAGTACAATGTACACATGGGATTAAGCCAGTAGTCTCAACCCAACTACTGTTAAATGGTAGCCTAGCAGAAAAAGAAATAATAGTTAGATCTGAAAAATGAC
AAACAATGCCAAAAAATAATAGTACATCTTAATAAATCTGTAGAAAATGTTATGTACAAAGACCTAACAATAATACAAGAAAAAGTATAAGGATTGGACCAGGACAAACATTTTATGCAAC
AGGAGACATAATAGGAGACATAAGACAAGCACCATTGTAACATTAGCAGAAAAAGATTGGGTGGAACTTTACATAATGTAAGTAAAAAATTAGCAGAAACACTCCCAAATAAAACAATA
AATTTTACATCCTCAGGAGGAGACCTAGAGATTACAACATAGCTTTAATTGTAGAGGGGAATTTTTCTATTGCAATACGTCAGGCTGTTAATAGTACATACATGCCTGATGGTA
TATTTAAATTTAATGGTACAGTTAATGGTGCAGAAAGTAATTCGACCATCAACAATCCAAATGCAGAAATAAAGCAAATTAATAATATGTTGGCAGGAGGTGGGACGAGCAATGATGCTCC
CCCATTGCAGGAAACATAACATGTAAGTCAAATATCAGGAATACTATTAGTACGTGATGGAGGATTAATACTACAAATGTTACAAATACAGAGATATTCAGGCTGGAGGAGGAGA
TATGAAGGATAATTGGAGAAGTGAATATATAAATATAAAGTGGTAGAAAATTAAGCCATTGGGAGTAGCACCCTGCAGCAAAAAGGAGAGTGGTGGAGAGAGAAAAAGAGCAGT
GGGAATAGGAGCTGTGTTCCCTGGGTTCTTGGGAGTAGCAGGAAGCACTATGGGCGCGGCTCAGTGACGCTGACGGTACAGGCCAGACAATTGCTGTCTGGTATAGTCAACAGCA
AAGCAATTTGCTGAGGGCTATAGAGGCGCAACAGCATATGTTGCAACTCACGGTCTGGGGCATTAAACAGCTCCAGACAAGAGTCTCGCTATAGAAAAGATACCTAAAGGATCAACAG
CTCCTAGGGATTTGGGGCTGCTCTGAAAACCTATCTGCACCACTGCTGTACCTTGGAACTCCAGTTGGAGTAACAAAAATCAAAACAGAGATTTGGGATAAAAATGACCTGGATGCAATG
GGATAAAGAAATAGTAATTACACAGACACAATATACAGGTTGCTTGAAGACTCGCAAAACCCAGCAGGAAAGAAATGAGAAAGATCTATTAGCCTGGACAGTTGAAAAATCTATGG
AATTGGTTTGACATAACAAATTTGGCTGTGGTATATAAAAAATTTCAATAATGATAGTAGGAGGCTTGTATAGGTTTAAAGAAATAATTTTACTGTGCTCTATAGTGAATAGAGTTAGGCAG
GGATACTCACCCTCTGTTGACAGCCCTTATCCCGAACCCAGGGGGACCCGACAGGCTCAGAGGAATCGAAGAAGAAGGTTGGAGAGCAAGGCAGATACAGATCCATTGATAGTGA
ACGGATTCTAGCACTTGCCTGGGACGATCTGAGGAACCTGTGCCTCTCAGCTACCACCGCTTGGAGACTTGTATTAGTGACAGCGAGAGTGGTGGAACTTCTGGGACGCAACAGC
CTCAAGGACTACAGAGGGGTGGGAAGCCCTTAAGTATCTGGGAAGTCTTGTGCAGTACTGGGGTCAGGAGCTAAAAAAGAGTGTATTAGTCTGTTTGTATACCATAGCAATAGCAG
TAGCTGAAGGAACAGATAGGATTATAGAAGTAGGACGAAGAATTTGGAGAGCTATCTACAACATACCTAGAAGAATAAGACAGGGCTTTGAAGCAGCTTTGCAATAA
```

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/