Vector pUC57-mini AD17 Δenv eGFP

Catalog No. HRP-13907

For research use only. Not for use in humans.

Contributor and Manufacturer:
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Product Description:
Note: The label on the vial is incorrect; the plasmid expresses eGFP.

HRP-13907 is a single-cycle vector encoding full-length HIV-1AD17 [primary, transmitted/founder HIV-1 clone (clade B) derived from single genome sequencing] in the plasmid pUC57-mini with deletion of 79 nucleotides following the Env signal peptide and eGFP in place of nef.1,2 The beta-lactamase gene, bla, provides transformant selection through ampicillin resistance in Escherichia coli (E. coli). The plasmid size is approximately 12,100 base pairs. The plasmid sequence and map are provided on the NIH HIV Reagent Program webpage.

Material Provided:
Each vial contains plasmid DNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 8.0). The DNA concentration and volume provided are shown on the Certificate of Analysis. The vial should be centrifuged prior to opening. Note: The contents of the vial should be used to replicate the plasmid in E. coli prior to expression studies.

Packaging/Storage:
HRP-13907 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through the NIH HIV Reagent Program, NIAID, NIH: Vector pUC57-mini AD17 Δenv eGFP, HRP-13907, contributed by Dr. Jeremy Luban.”

Biosafety Level: 1

Disclaimers:
You are authorized to use this product for research use only. It is not intended for human use

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References:

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