

**Data Sheet.**

**NAME :** pEE14/tpa/HIV-2 env ROD (full length gp105 and -V1/V2 inserts).

**REPOSITORY REFERENCE :** EVA2012.1-2

**CLONING VECTOR :** pEE14/tpa

**HOST :** DH5alphaF' (also grows well in JM109, XL-1 Blue).

**CLONING SITE :** HINDIII

**DESCRIPTION OF CLONE :** Contains HIV-2 ROD env fragments as detailed in EVA 298.1-2. When transfected into CHO cells directs the secretion of rgp105 into ambient medium. (EVA2012.1 full length EVA2012.2 -V1/V2)

**ADDITIONAL INFORMATION :** Compared to the HIV-2 ROD sequence number M15390 (NID: g1332361), there may be a mutation in pSVR - a C to T single nucleotide change at position 8307 of the RNA sequence (+1 = start of RNA genome). This leads to the introduction of a stop codon and termination of the Envelope ORF at amino acid number 720. This is in the intracellular region of the transmembrane protein of envelope. The wild type version has not been checked but the pSVR version replicates well in vitro despite this mutation.

**SOURCE :**

Dr SA Jeffs

**REFERENCE :**

Jeffs et al (1996) J Gen Virol 77: 1403-1410

**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)

**NOTE :**

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