



NIH AIDS Reagent Program

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DATA SHEET

Reagent: SIVmac239 gp130 Expression Vector (pcDNA3.SIVmac239.gp130.His)

Catalog Number: 12796

Lot Number: 150341

Release Category: C

Provided: 5 µg of dried purified DNA stabilized in DNastable *PLUS*

Cloning Site: 5': EcoRI 3': XbaI. Insert is 1647 bp.

Cloning Vector: pcDNA3.1+ Ampicillin resistant. Vector is 5389 bp.

Description: This expression vector produces SIVgp130 with 7 x His Tag and N-Terminus TPA-leader sequence.

Special Characteristics: This construct is 7038 bp including the insert.
Amino acids 23 to 521 (gp130) of SIVmac239 env (GenBank: [M33262.1](#)) were cloned downstream of the coding region for the leader peptide of tissue plasminogen activator (TPA).
[Contributor provided sequence information.](#)
[Sequence file lot 150341](#)
This reagent is currently being provided as dried purified DNA stabilized in DNastable *PLUS*. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. [Dried DNA Notice](#)

Recommended Storage: Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

Contributor: Dr. Klaus Uberla

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

References: Nabi, G., Temchura, V., Grossmann, C., Kuate, S., Tenbusch, M., & Uberla, K. (2012). T cell independent secondary antibody responses to the envelope protein of simian immunodeficiency virus. *Retrovirology*, 9, 42. doi: 10.1186/1742-4690-9-42 [PUBMED](#)

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: SIVmac239 gp130 Expression Vector (pcDNA3.SIVmac239.gp130.His) Cat #12796 from Dr. Klaus Oberla." Also include the reference cited above in any publications.

Last Updated: February 07, 2019

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