



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	SIVmac239 gp130-His Recombinant Protein
<b>Catalog Number:</b>	12797
<b>Lot Number:</b>	160193
<b>Provided:</b>	250 µg of purified protein at 1.0 mg/mL in PBS pH 7.2 (sterile filtered). Endotoxin = 1.7 EU/mg Purity = >90% by SDS-PAGE
<b>Molecular Weight:</b>	Approximately 130 kDa
<b>Purity:</b>	>90% as determined by SDS-PAGE
<b>Description:</b>	A truncated protein derived from SIVmac239 gp160.
<b>Special Characteristics:</b>	This envelope protein was produced in serum-free HEK-293T cell expression system and purified by Ni-Sepharose/Ion-Exchange/Lectin Affinity/Superdex S-200 chromatography. It contains a 6xHIS-tag.  The expression vector used was cat# 12796 SIVmac239 gp130 Expression Vector (pcDNA3.SIVmac239.gp130.His).  The resulting protein comprises the ectodomain portion of HIV-1 gp160.
<b>Recommended Storage:</b>	Keep at -80°C. Avoid freeze-thaw cycles as reagent degradation may result.
<b>Contributor:</b>	Dr. Klaus Uberla
<b>References:</b>	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. <i>Retrovirology</i> , 9, 42. doi: 10.1186/1742-4690-9-42 <a href="#">PUBMED</a>

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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.

**NOTE:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: SIVmac239 gp130-His Recombinant Protein from Dr. Klaus Uberla." Also include the reference cited above in any publications.

**Last Updated:**

October 26, 2016

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