



**Centre for AIDS Reagents**

**Data Sheet**

Catalog Number:	<b>100 841</b>
Reagent:	SIVmac239 gp130-His Recombinant Protein
Lot Number:	160193
Provided:	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
Molecular Weight:	Approximately 130 kDa
Purity:	>90% as determined by SDS-PAGE
Description:	A truncated protein derived from SIVmac239 gp160.
Special Characteristics:	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.
Recommended Storage:	Keep at -80°C. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	Dr. Klaus Uberla
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. <i>Retrovirology</i> , 9, 42. 10.1186/1742-4690-9-42 PUBMED
NOTE:	Acknowledgment for publications should read "The following reagent was obtained from the Centre For Aids Reagents (National Institute for Biological Standards and Control) via 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.