



## NIH AIDS Reagent Program

20301 Century Boulevard  
Building 6, Suite 200  
Germantown, MD 20874  
USA

Phone: 240 686 4740  
Fax: 301 515 4015  
aidsreagent.org

### DATA SHEET

<b>Reagent:</b>	SIVmac251 C34 Peptide
<b>Catalog Number:</b>	9774
<b>Lot Number:</b>	150279
<b>Provided:</b>	0.5 mg net peptide, lyophilized.
<b>Description:</b>	Peptide derived from the SIVmac251 envelope glycoprotein transmembrane subunit gp41 C-terminal heptad repeat (C-HR) region.
<b>Sequence:</b>	Ac-WQEWERKVFLEENITALLEEAQIQQEKMYELQ-NH <sub>2</sub>
<b>Purity:</b>	>97%
<b>Peptide Content:</b>	90.12%
<b>Solubility:</b>	Soluble in 10% NH <sub>4</sub> OH.
<b>Special Characteristics:</b>	Inhibits membrane fusion mediated by gp41. <a href="#">Certificate of analysis and purity data</a>
<b>Molecular Weight:</b>	Calculated mass: 4323.84 Observed mass: 4323.32
<b>Recommended Storage:</b>	Keep at -20°C lyophilized and -80°C after reconstitution.
<b>Contributor:</b>	DAIDS, NIAID (produced by BioSynthesis)
<b>References:</b>	Gallo SA, Sackett K, Rawat SS, Shai Y, Blumenthal R (2004) The stability of the intact envelope glycoproteins is a major determinant of sensitivity of HIV/SIV to peptidic fusion inhibitors. J Mol Biol 340: 9-14 <a href="#">Abstract</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: SIVmac251 C34 Peptide from DAIDS, NIAID."

**Last Updated:** February 21, 2018

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