



Recombinant SIV gp120 (mac239) (a.a. 34-518) [His] (DAG1973)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	6xHis tagged HIV-1 gp120 (SIV/mac239) protein (a.a.34-518)
Species	SIV
Purity	≥95%
Conjugate	His
Applications	antibody ELISA, protein labeling, etc
Format	Liquid
Concentration	1 mg/ml
Size	100 µg, 1 mg
Buffer	PBS
Preservative	None
Storage	Stable for a month at 4°C. For long term storage, split it into small aliquots and keep at -80°C. Avoid repeated freezing and thawing.

BACKGROUND

Introduction	Simian immunodeficiency virus (SIV), also known as African Green Monkey virus, is a retrovirus able to infect at least 33 species of African primates. Based on analysis of strains found in four species of monkeys from Bioko Island, which was isolated from the mainland by rising sea levels about 11, 000 years ago, it has been concluded that SIV has been present in
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monkeys and apes for at least 32, 000 years, and probably much longer. Virus strains from two of these primate species, SIVsmm in sooty mangabeys and SIVcpz in chimpanzees, are believed to have crossed the species barrier into humans, resulting in HIV-2 and HIV-1, respectively. The most likely route of transmission of HIV-1 to humans involves contact with the blood of chimps that are often hunted for bushmeat in Africa.

Keywords

Simian immunodeficiency virus; SIV gp120; SIV; SIV Glycoprotein 120
