
Product Data Sheet

Product Name: SIV GAG
Cat. No.: GP26443
Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	atRoomtemp.

Solubility It is recommended to reconstitute the lyophilized SIV GAG in sterile 18MΩ-cm H₂O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.

Formulation Lyophilized with 1% glycerol.

Introduction

Simian immunodeficiency virus, SIV, is a retrovirus that is found in strains, having the HIV-1 and HIV-2 specific strains that infect humans. SIV strains may cause an AIDS-like immune deficiency known as SAIDS (simian acquired immunodeficiency syndrome) if they cross species boundaries. HIV-2 is more similar to SIV strains than to HIV-1, suggesting for the first time the simian origin of HIV. HIV-2 is derived from the SIV strain found in sooty mangabeys whereas HIV-1, the predominant virus found in humans, is derived from SIV strains infecting chimpanzees.

Stability

Lyophilized SIV GAG although stable at room temperature for 1 week, should be stored desiccated below -18°C. Upon reconstitution SIV GAG should be stored at 4°C between 2-7 days and for future use below -18°C. For long-term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Background

SIV GAG Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain having a molecular mass of 55.0kDa. SIV GAG is purified by proprietary chromatographic technique.

Caution: Product has not been fully validated for medical applications. For research use only.

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