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## Product Data Sheet

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Product Name: SIV p55  
Cat. No.: GP25430  
Batch No.: 1

### Product Data

Purity	>98%	Source	Baculovirus Insect Cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	SIV p55 Protein solution containing 10mM Tris, pH 8, 140mM NaCl & 400mM L-Arginine.		

### 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

Recombinant SIV p55 although stable at 4°C for 3 weeks, should be stored below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA). Please avoid freeze-thaw cycles.

### Background

Recombinant SIV p55- Strains: SIV mac 23g and SIV smH4 is glycosylated with N-linked sugars and produced using baculovirus vectors in insect cells.

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

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