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SIV p55

Simian Immunodeficiency Virus p55 Recombinant
VAG0461

Product Overview

Name	SIV p55

Description

Simian Immunodeficiency Virus p55 Recombinant

Introduction

Simian immunodeficiency virus, SIV, is a retrovirusthat is found in strains, having the HIV-1and HIV-2specific 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.

Source

Baculovirus Insect Cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

SIV p55 Protein solution containing 10mM Tris, pH 8, 140mM NaCl & 400mM L-Arginine.

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.

Purity

Greater than 90.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Precautions

SIV p55 is for research use only and not for use in diagnostic or therapeutic procedures.