
Product Data Sheet

Cat # RP-1425

SIV p55 Recombinant

Size: 2 ug

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

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

Applications and Suggested Dilutions: Greater than 90.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE. Users must optimize the appropriate concentration and conditions for each assay.

Storage and Stability: Recombinant SIV p55 although stable at 4°C for 3 weeks, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA). **Please avoid freeze-thaw cycles.** If supplied in powder then reconstitute it in 100 ul water for 1 mg/ml stock and store in liquid at 4°C for ~1 week or aliquots in suitable size and store at -20°C for long term storage.

Usage: This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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