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Recombinant HIV-I p24 Biotin Conjugated

REP0024

100µg

Description

Recombinant HIV-I p24 protein biotin conjugated.

HIV-1 Gag protein is a polyprotein which, during viral maturation, is cleaved to release matrix p17, core p24 and nucleocapsid proteins. Capsid protein p24 forms the conical core that encapsulates the genomic RNA-nucleocapsid complex in the virion. The core is constituted by capsid protein hexamer subunits and is disassembled soon after virion entry. The p24 antigen contains epitopes that prime helper CD4 T-cells, which have been demonstrated to be protective and it can elicit lymphocyte proliferation.

Product type

Recombinant protein

Peptide

Full-length recombinant p24 conjugated with NHS biotin – Accession number: **Q9WMV8**

Expression system

Escherichia coli

Tested by

Western Blotting, ELISA

Purity

>90% estimated by SDS-PAGE (EU Ph. 5.0 § 2.5.31)

Form

Liquid

Storage buffer

1X PBS, 0.5%(v/v) glycerol

Storage instructions

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.