Datasheet for ABIN2669306

HIV-1 p24 Protein

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Overview

Quantity:	100 µg
Target:	HIV-1 p24
Origin:	Human Immunodeficiency Virus (HIV)
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purity:	>95 %

Target Details

Target:	HIV-1 p24
Alternative Name:	HIV1-p24 (HIV-1 p24 Products)
Target Type:	Viral Protein
Background:	HIV-1 Gag protein is a polyprotein which, during viral maturation, is cleaved to release matrix p17, core p24 and nucleopcapsid 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.

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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	The protein should be reconstituted in apirogenic sterile water or 1X PBS.
Buffer:	1 % glycerol
Storage:	-20 °C

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