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## Datasheet for ABIN2669306 HIV-1 p24 Protein

### 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 %
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### Target Details

Target:	HIV-1 p24
Alternative Name:	HIV1-p24 ( <a href="#">HIV-1 p24 Products</a> )
Target Type:	Viral Protein
Background:	<p>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.</p>

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Reconstitution: The protein should be reconstituted in aprotogenic sterile water or 1X PBS.

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Buffer: 1 % glycerol

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Storage: -20 °C

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