

Datasheet for ABIN2669325

HIV-1 p24 Protein

[Go to Product page](#)

Overview

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|---------------|---------------------------------------|
| Quantity: | 50 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

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| Purity: | >95 % |
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Target Details

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| Target: | HIV-1 p24 |
| Alternative Name: | Human Immunodeficiency Virus 1 Capsid (HIV-1 p24 Products) |
| 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. |
| Restrictions: | For Research Use only |

Handling

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