Recombinant HIV1 p24 protein ab43037

2 References

Overview

Product name: Recombinant HIV1 p24 protein
Protein length: Full length protein

Description

Nature: Recombinant
Source: Escherichia coli
Amino Acid Sequence
Molecular weight: 26 kDa

Specifications

Our Abpromise guarantee covers the use of ab43037 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Biological activity: Immunoreactive with all sera of HIV1 infected individuals.
Applications
ELISA
Western blot

Purity
> 95 % SDS-PAGE.
Organic extraction > S-Sepharose > S-300.

Form
Liquid

Additional notes
Immunoreactive with all sera of HIV-1 infected individuals.

Preparation and Storage

Stability and Storage
Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
pH: 7.20
Constituents: 48% Urea, 0.605% Tris

General Info

Relevance
HIV1 performs highly complex orchestrated tasks during the assembly, budding, maturation and
infection stages of the viral replication cycle. During viral assembly, the proteins form membrane associations and self-associations that ultimately result in budding of an immature virion from the infected cell. Gag precursors also function during viral assembly to selectively bind and package two plus strands of genomic RNA. Capsid protein p24 probably forms the conical core of the virus that encapsulates the genomic RNA-nucleocapsid complex.

**Cellular localization**

Membrane

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