Recombinant HIV1 p24 protein ab43037

2 References

Overview

<table>
<thead>
<tr>
<th>Product name</th>
<th>Recombinant HIV1 p24 protein</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protein length</td>
<td>Full length protein</td>
</tr>
</tbody>
</table>

Description

<table>
<thead>
<tr>
<th>Nature</th>
<th>Recombinant</th>
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<tbody>
<tr>
<td>Source</td>
<td>Escherichia coli</td>
</tr>
<tr>
<td>Amino Acid Sequence</td>
<td></td>
</tr>
<tr>
<td>Molecular weight</td>
<td>26 kDa</td>
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</table>

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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