

Product datasheet

Recombinant HIV1 p24 protein ab43037

3 References 1 Image

Description

Product name	Recombinant HIV1 p24 protein
Biological activity	Immunoreactive with all sera of HIV1 infected individuals.
Purity	> 95 % SDS-PAGE. Organic extraction > S-Sepharose > S-300.
Expression system	Escherichia coli
Accession	P05888
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Sequence	<p>PIVQN IQGQMVHQAI SPRTLNAWVK VVEEKAFSPE VIPMFSALSE GATPQDLNTM LNTVGGHQAA MQMLKETINE EAAEWDRLHP AHAGPIAPGQ MREPRGSDIA GTTSTLQEQI GWMTNPPPIP VGEIYKRWII LGLNKVMRY SPSSILDIRQ GPKEPFRDYV DRFYKTLRAE QASQEVKNWM TETLLVQNAN PDCKTILKAL GPAATLEEMM TACQGVGGPG HKARVL</p>
Predicted 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.

Applications	ELISA Western blot
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: 8.5
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Constituents: 48% Urea, 0.605% Tris

General Info

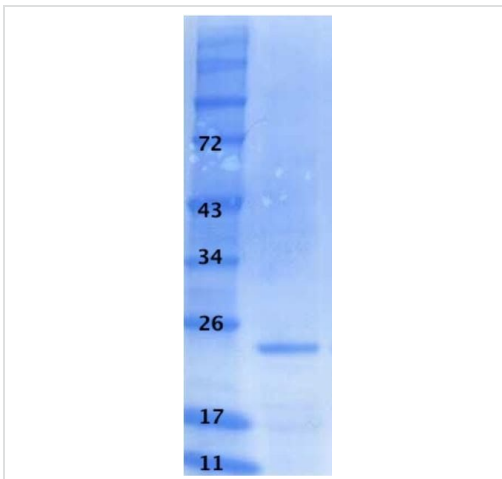
Relevance

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

Images



SDS-PAGE - Recombinant HIV1 p24 protein
(ab43037)

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