Product name: Recombinant HIV1 p24 protein
Biological activity: Immunoreactive with all sera of HIV1 infected individuals.
Purity: > 95% SDS-PAGE.
Expression system: Escherichia coli
Accession: P05888
Protein length: Full length protein
Animal free: No
Nature: Recombinant
Sequence:
PIVQN IQGQMVHQAI SPRTLNAVKV VVEEKAFSPE
VIPMFSALSE GATPODLNTM LNTVGHHQAA
MQMLKETINE EAAEWDRLHP AHAGPIAPGQ
MREPRGSDIA GTTSTLQEIQ GWMTNPPPIP VGEYKRWII
LGLNKVRMY SPSSLIRDQ GPKEPFRDYV DRFYKTLRAE
QASQEVTNWM TETLLYQANAN PDCKTLKAL
GPAATLEEMMTACQGVGPGPKARVL

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
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
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)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

**Our Abpromise to you: Quality guaranteed and expert technical support**

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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