

HIV1 P24 recombinant protein

Recombinant HIV1 P24

CATALOG #
AAA77995

APPLICATIONS
Lateral Flow, Western Blot, ELISA

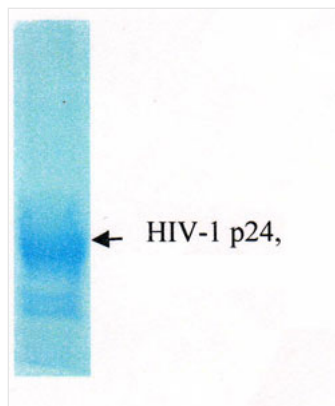
PRODUCT SYNONYMS

HIV1 P24; Recombinant HIV1 P24; HIV1-P24; HIV1 P24 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	>93% pure on 10% SDS-PAGE (Coomassie blue stain), purified by proprietary chromatographic technique
Form/Format	Purified, Liquid
Concentration	2.17 mg/ml (varies by lot)
Applicable Applications for HIV1 P24 recombinant protein	LF (Lateral Flow), WB (Western Blot), ELISA
Buffer	PBS with 50mM arginine with 0.05% NaN ₃
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	After receipt, store at -20°C. Avoid multiple freeze/thaw cycles

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for HIV1 P24 recombinant protein

HIVa p24 is an early marker to be detected in patient blood as early as 2 weeks after HIV infection, earlier than the antibody to p24, gp41 and gp120, with the appearance of positive anti-HIV1 antibody, P24 disappears, it is known as "window time". p24 is a component of the HIV particle capsid. There are approximately 2000 molecules per virus particle. The p24 protein is derived from a precursor polyprotein of HIV, p55 that is cleaved into shorter polypeptides namely p24 (core), p17 (matrix) and p7/p9 (nucleocapsid) proteins. The p24 protein is nonglycosylated and is approximately 24 kDa size. The protein forms the core of the virus and encapsulates the viral genetic code.

Recombinant p24 protein covers full length of HIV-1 p24. It contains 231 amino acids with the molecular size 24kDa.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hiv1-p24-recombinant-protein-lf-lateral-flow-wb-western-blot-elisa/77995>