

HIV-1 p24 Recombinant Protein

Recombinant HIV-1 p24 His Tag

CATALOG #
AAA38851

PRODUCT SYNONYMS

HIV-1 p24; Recombinant HIV-1 p24 His Tag; His; HIV-1 p24 Recombinant; His Tag; HIV-1 p24 His; HIV-1 p24 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 80.0% as determined by SDS-PAGE.
Form/Format	The HIV-1 p24 protein solution (0.5 mg/ml) contains 20mM Tris-HCl pH-8, 0.1mM PMSF, 0.1M NaCl and 10% glycerol
Sequence	MGSSHHH HHHSSGLVPR GSHMWV KVVEEKAFSP EVIPMFSALS EGATPQDLNT MLNTVGGHQA AMQMLKETIN EEAAEWDR LH PVHAGPIAPG QMREPRGSDI AGTTSTLQEQ IGWMTHNPPI PVGEIYKRWI ILGLNKIVRM YSPTSILDIR QGPKEPFRDY VDRFYKTLRA EQASQEVKNW MTETL
Source	E.coli
Physical Appearance	Sterile Filtered colorless solution
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for HIV-1 p24 recombinant protein	Description: HIV-1 p24 His Tag Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 188 amino acids (155-321 a.a.) and having a molecular mass of 21.2 kDa. The HIV-1 p24 is fused to a 21 amino acid His Tag and purified by conventional chromatography. Introduction: The HIV1 p24 His Tag protein performs complex orchestrated tasks during the assembly, budding maturation and infection stages of the viral replication cycle. Throughout viral assembly, the proteins form membrane associations and self-associations that ultimately result in budding of an immature virion from the infected cell. HIV-1 P24 gag, the key capsid protein of the HIV-1 virion, is used in clinical trials as one of the components of the HIV-1 vaccine because of the great extent of sequence homology between different isolates.
Product Categories/Family for HIV-1 p24 recombinant protein	Viral Antigens; HUMAN IMMUNODEFICIENCY VIRUS; Viral Antigens; HIV

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/hiv-1-p24-recombinant-protein/38851>