

HIV-1 p24 Recombinant, Biotin Labeled

Item Number rAP-5342

Synonyms

Description The E.coli derived 39 kDa biotin labeled recombinant protein is a non-glycosylated polypeptide chain, containing the HIV-1 p24 immunodominant regions, amino acids 77-436. The HIV-1 p24 Biotinylated is fused to beta-galactosidase (114 kDa) at the N-terminus.

Uniprot Accession Number

Amino Acid Sequence

Source Escherichia Coli.

Physical Appearance and Stability Sterile filtered colorless clear solution. HIV-1 p24 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Formulation and Purity 8M Urea, 20mM Tris-HCl pH 8.0, 10mM b-mercaptoethanol. Greater than 95.0% as determined by SDS-PAGE.

Application HIV-1 p24 antigen is suitable for ELISA and Western blots, excellent antigen for early detection of HIV seroconvertors with minimal specificity problems.

Solubility

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**