

## 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 Accesion 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 end users! This product is sold for **Research Use Only**