

HIV-1 p24 Recombinant, His Tag

Item Number rAP-5379

Synonyms

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.

Uniprot Accession Number

Amino Acid Sequence MGSSHHHHHH SSGLVPRGSH MWVKVVEEKA FSPEVIPMFS ALSEGATPQD LNTMLNTVGG
HQAAMQMLKE TINEEAAEWD RLHPVHAGPI APGQMREPRG SDIAGTTSTL QEQIGWMTHN
PPIPVGEIYK RWIILGLNKI VRMYSPTSIL DIRQGPKEPF RDYVDRFYKT LRAEQASQEVKNWMTETL.

Source Escherichia Coli.

Physical Appearance and Stability Sterile Filtered colorless solution. 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.

Formulation and Purity The HIV-1 p24 protein solution contains 20mM Tris-HCl pH-8, 0.1mM PMSF, 0.1M NaCl and 10% glycerol. Greater than 80.0% as determined by SDS-PAGE.

Application

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**