

HIV-1 p55 gag Recombinant

Item Number rAP-5361

Synonyms

Description HIV-1 p55 Recombinant- is a 55kDa protein derived from gag gene of an HTLV-3/LAV isolate of HIV-1. The HIV-1 p55 is glycosylated with N-linked sugars and produced using baculovirus vectors in insect cells. The full length authentic p55 gag protein forms particles within itself of approximately 23nm in size (as deter-

Uniprot Accession Number

Amino Acid Sequence

Source Baculovirus Insect Cells.

Physical Appearance and Stability Sterile filtered colorless clear solution. Recombinant HIV -1 p55 although stable at 4°C for 3 weeks, should be stored below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze-thaw cycles.

Formulation and Purity The HIV-1 p55 gag protein solution contains 10mM Tris pH 8, 140mM NaCl and 400mM L-Arginine. Greater than 90.0% as determined by HPLC analysis & 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**