

## HIV-1 p24, 24 kDa

**Description:** HIV-1 p24 recombinant is a 24 kDa non-glycosylated polypeptide chain.

**Catalog #:** HIPS-162

**Source:** Escherichia Coli.

For research use only.

**Physical Appearance:** Sterile filtered while lyophilized powder.

**Purity:** Greater than 90.0% as determined by HPLC analysis and SDS-PAGE.

**Stability:**

HIV-1 p24, 24 kDa although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Solubility:**

Reconstitute with aprotogenic water or PBS.

**Introduction:**

Human immunodeficiency virus type-1 (HIV-1) capsid protein p24 is the main component of tubular core in the mature virus particle. Decrease in the level of antibodies to p24 and p24 antigen has been considered to be one of the most useful prognostic markers. Determination of p24 antigen, as well as anti-p24 antibodies, has vast diagnostic value. Therefore, most diagnostic kits to detect HIV antibodies use p24 as an integral component in addition to envelope glycoproteins. Inhibition of capsid formation can be an effective therapeutic strategy.

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