

Recombinant HIV HIVP14 protein

Cat. No. HIVP14-182H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HIV-1 p24 recombinant is a full-length recombinant protein having a molecular mass of 24kDa.
Species	HIV
Source	E.coli
Description	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.
Form	Sterile filtered while lyophilized powder. HIV-1 p24 was lyophilized from a solution containing 1% glycerol.
Molecular Mass	24kDa
Purity	Greater than 95.0% as determined by SDS-PAGE.
Usage	The 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability

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

Solubility

Reconstitute with apyrogenic sterile water or 1X PBS.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA