

Recombinant HIV-1 Gag p17

Cat. No. Gag p17-90H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HIV-1 Gag p17 was expressed in E. coli.
Species	HIV
Source	E.coli
Description	HIV-1 Gag p17 is the matrix protein of AIDS virus, HIV-1, and is produced by digestion of its precursor Gag p55 by HIV-1 protease. This protein is indispensable for reproduction of AIDS virus and is essential component of AIDS virus particles.
Form	50% glycerol, 20mM Tris-HCl (pH7.5), 50mM NaCl, 10mM mercaptoethanol
Molecular Mass	Its molecular weight is 17 kD, same as that of p17 purified from AIDS virus particles.
Purity	Over 90% by SDS-PAGE (CBB staining)
Applications	1) It can be used as p17 antigen in detection of anti-HIV-1 p17 antibody in Western blotting or ELISA.2) It can be used as a standard for quantitative analysis of HIV-1 p17 antigen.3) It can be used in studies of structure and function of AIDS virus as a matrix protein that constitutes HIV-1 core.
Storage	Store at -20°C
Concentration	0.23 mg/ml as measured by BCA method

 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