

Recombinant HIV1 Gag p24 Protein

Cat. No. p24-43H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This recombinant protein contains full length of HIV-1 Gag p24 protein with a MW of 60 kDa. It is recognized by positive samples in ELISA tests.
Species	HIV
Source	E.coli
Description	HIV1 performs highly complex orchestrated tasks during the assembly, budding, maturation and infection stages of the viral replication cycle. During viral assembly, the proteins form membrane associations and self-associations that ultimately result in budding of an immature virion from the infected cell. Gag precursors also function during viral assembly to selectively bind and package two plus strands of genomic RNA. Capsid protein p24 probably forms the conical core of the virus that encapsulates the genomic RNA-nucleocapsid complex.
Form	Affinity purified, liquid
Molecular Mass	60 kDa
Purity	>95% pure by SDS-PAGE
Applications	Suitable for use in ELISA, Lateral Flow, WB, and other immune tests.
Storage	Upon receipt, aliquot and store at ≤ -20 centigrade. Avoid multiple freeze/thaw cycles

 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

Storage Buffer	Tris-buffered saline, pH 8.0
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Preservative	0.1% ProClin 300
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Full Length	Full L.
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GENE INFORMATION

Synonyms	CA; Capsid protein p24; HIV-1 Gag p24; HIV1gp1; Human immunodeficiency virus 1; Human immunodeficiency virus type 1 p24
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