

Recombinant HIV1 gag Protein (Pro133-Leu363), N-His tagged

Cat. No. gag-38H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HIV1 gag Protein (Pro133-Leu363) with N-His tagged was expressed in E. coli.
Species	HIV
Source	E.coli
ProteinLength	Pro133-Leu363
Description	The p24 protein of HIV-1 plays a critical role as a core structural component essential for virus assembly. Its measurement serves as an indicator of HIV-1 infection. AIDS symptoms and a decline in CD4 T-cell count usually manifest approximately two weeks following HIV infection, showing a correlation with elevated levels of both the virus and p24 protein. Additionally, a reduction in p24 antibody levels proves to be a valuable prognostic marker.
Form	Lyophilized
Storage	This product is stable after storage at: -20 or -80 centigrade for 12 months under sterile conditions from date of receipt. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O to a

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concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name [gag Pr55\(Gag\) \[Human immunodeficiency virus 1 \]](#)

Official Symbol [gag](#)

Synonyms Gag polyprotein; gag; Pr55(Gag); matrix; capsid; p2; nucleocapsid; p1; p6

Gene ID www.ncbi.nlm.nih.gov/gene/155030

Protein Refseq [NP_057850](#)

UniProt ID [P04591](#)

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**SDS-PAGE analysis
of HIV-1 capsid
protein p24.**



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