

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

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant HIV1 gag Protein (Pro133-Leu363) with N-His tagged was expressed in E. coli.
<b>Species</b>	HIV
<b>Source</b>	E.coli
<b>ProteinLength</b>	Pro133-Leu363
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H2O to a

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

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**

<b>Gene Name</b>	<a href="#">gag Pr55(Gag) [ Human immunodeficiency virus 1 ]</a>
<b>Official Symbol</b>	<a href="#">gag</a>
<b>Synonyms</b>	Gag polyprotein; gag; Pr55(Gag); matrix; capsid; p2; nucleocapsid; p1; p6
<b>Gene ID</b>	<a href="http://www.ncbi.nlm.nih.gov/gene/155030">www.ncbi.nlm.nih.gov/gene/155030</a>
<b>Protein Refseq</b>	<a href="#">NP_057850</a>
<b>UniProt ID</b>	<a href="#">P04591</a>

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



140 –  
100 –  
75 –  
60 –  
45 –  
35 –  
25 –

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