

Recombinant HIV gag Protein, His-tagged

Cat. No. gag-726V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HIV1 Gag-P24 (subtype C) (AAB61122.1) (Pro133-Leu363) was expressed with a polyhistidine tag at the C-terminus.
Species	HIV
Source	E.coli
ProteinLength	133-363 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant HIV1 Gag-P24 (subtype C) consists of 238 amino acids and predicts a molecular mass of 26.5 kDa. It migrates as an approximately 27 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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