

## Recombinant HIV gag Protein, His-tagged

Cat. No. gag-727V Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant HIV1 Gag-P24 (subtype D) (AAA44868.1) (Pro133-Leu363) was expressed with a polyhistidine tag at the C-terminus.
<b>Species</b>	HIV
<b>Source</b>	E.coli
<b>ProteinLength</b>	133-363 a.a.
<b>Predicted N Terminal</b>	His
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
<b>Molecular Mass</b>	The recombinant HIV1 Gag-P24 (subtype D) consists of 238 amino acids and predicts a molecular mass of 26.6 kDa. It migrates as an approximately 27 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>90 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	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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