

Recombinant HIV-1(group M, subtype B, strain HXB2) gag protein(Pro133-Leu363), His-tagged

Cat. No. gag-1106H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant HIV1 Gag-P24 (subtype B) (AAB50258.1) (Pro133-Leu363) was expressed in E. coli with a polyhistidine tag at the C-terminus.
Species	HIV
Source	E.coli
ProteinLength	Pro133-Leu363
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant HIV1 Gag-P24 (subtype B) 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.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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