# HIV HIV-1 Gag-p24 (His Tag) recombinant protein

Catalog Number: 504567



#### **General Information**

## **Protein Construction**

A DNA sequence encoding the HIV-1 gag protein P24 (Pro133-Leu363) was expressed with a polyhistidine tag at the C-terminus.

## **Organism**

HIV

## **Expression Host**

E. coli

# **QC Testing**

## **Purity**

> 90 % as determined by SDS-PAGE.

#### **Endotoxin**

Please contact us for more information.

## **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

## Predicted N terminal

Pro 133

## **Molecular Mass**

The recombinant HIV-1 gag protein P24 consists 242 amino acids and predicts a molecular mass of

27 kDa.

## **Formulation**

Lyophilized from sterile PBS, pH 7.4.

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

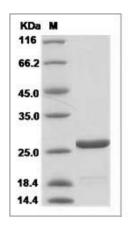
# Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



GAG-P24 protein SDS-PAGE