

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



Catalog Number: 500050

## General Information

### Protein Construction

A DNA sequence encoding the HIV1 Gag-P24 (group O) (BAH97658.1) (Pro131-Leu362) 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

Met

### Molecular Mass

The recombinant HIV1 Gag-P24 (group O) consists of 239 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.

### 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

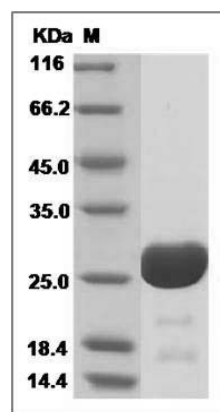
Store it under sterile conditions at -20°C to -80°C.

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



Human Immunodeficiency Virus type 1 (HIV-1) Gag-p24 Protein (group O, His Tag) SDS-PAGE