

# HIV-p51 / RT-p51 (group M, subtype B (isolate HXB2) Gag-Pol polyprotein Protein (His Tag)

Catalog Number: 40244-V07E



Sino Biological  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

Gag-Pol

### Protein Construction:

A DNA sequence encoding the p51 (Reverse Transcriptase) of human immunodeficiency virus 1 gag-pol (NP\_057849.4) (Pro588-Phe1027) was expressed with a polyhistidine tag at the N-terminus.

**Source:** 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 p51 (Reverse Transcriptase) of human immunodeficiency virus gag-pol consists 458 amino acids and predicts a molecular mass of 53.6 kDa.

### Formulation:

Lyophilized from sterile 50 mM Tris, 250 mM NaCl, 1 mM EDTA, 50 % glycerol, pH 7.0

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage:

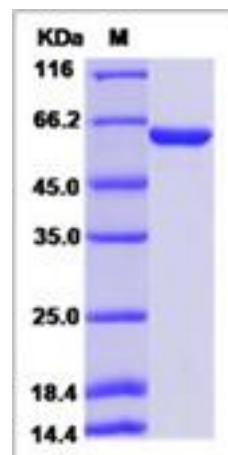
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

For US Customer: Fax: 267-657-0217 • Tel: 215-583-7898

Global Customer: Fax :+86-10-5862-8288 • Tel:+86-400-890-9989 • <http://www.sinobiological.com>