

# HIV HIV-p51 / RT-p51 (His Tag) recombinant protein



Catalog Number: 504885

## General Information

53.6 kDa.

### 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.

### 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 p51 (Reverse Transcriptase) of human immunodeficiency virus gag-pol consists 458 amino acids and predicts a molecular mass of

### Formulation

Lyophilized from sterile 50 mM Tris, 250 mM NaCl, 1 mM EDTA, 50 % glycerol, pH 7.0  
1. 5 % trehalose and mannitol are added as protectants before lyophilization.  
2. Please contact us for any concerns or special requirements.

## Usage Guide

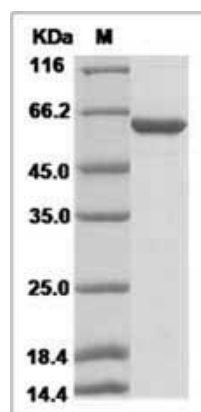
### Storage

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



HIV1-RT p51 (group M, subtype B (isolate HXB2) Gag-Pol polyprotein Protein (His Tag)