

HIV-p66 / RT-p66 (group M, subtype B (isolate HXB2) Gag-Pol polyprotein Protein (His Tag)

Catalog Number: 40244-V07E1



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

Gag-Pol

Protein Construction:

A DNA sequence encoding the p66 (Reverse Transcriptase + RNase H) of human immunodeficiency virus 1 gag-pol (NP_057849.4) (Pro588-Leu1147) 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 p66 (Reverse Transcriptase + RNase H) of human immunodeficiency virus 1 gag-pol consists 578 amino acids and predicts a molecular mass of 66.7 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:

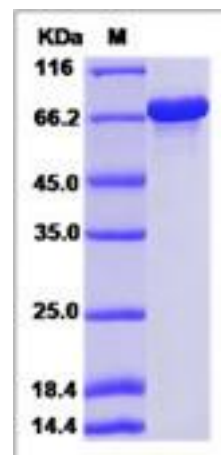
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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