HIV gp120 recombinant protein (C-His)

Catalog Number: 514789



General Information

Protein Construction

A DNA sequence encoding the HIV1(group M, subtype B, isolate MN) Envelope glycoprotein gp160 Protein(gp120 subunit) (AAC31819.1) (Thr30-Arg513) was expressed with a polyhistidine tag at the C-terminus.

Organism

HIV

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE.

Endotoxin

< 1.0 EU per μg protein as determined by the LAL method.

Stability

Samples are stable for up to twelve months from date of receipt at -70 $^{\circ}$ C

Predicted N terminal

Thr30

Molecular Mass

The recombinant HIV1(group M, subtype B, isolate MN) Envelope glycoprotein gp160

Protein(gp120 subunit) consists of 495 amino acids and predicts a molecular mass of 55.8 kDa.

Formulation

Lyophilized from sterile PBS, pH 7.4.

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

Usage Guide

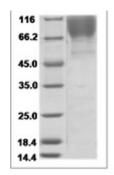
Storage

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

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

SDS-PAGE



HIV HIV gp120 Protein 15470