

HIV gp140 recombinant protein (C-human IgG1-Fc)



Catalog Number: 514827

General Information

Protein Construction

A DNA sequence encoding the Human immunodeficiency virus 1 (HIV1) (group M, subtype C, strain 92BR025) GP140 (AAB61124.1) (Asn32-Ile677) was expressed with the Fc region of human IgG1 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°C

Predicted N terminal

Asn 32

Molecular Mass

The recombinant Human immunodeficiency virus 1 (HIV1) (group M, subtype C, strain 92BR025)

GP140 consists of 884 amino acids and predicts a molecular mass of 99.9 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

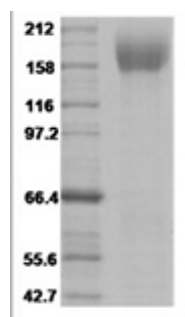
Storage

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 gp140 Protein 14766