

Human immunodeficiency virus 1 (HIV-1) (group M, subtype C, strain 92BR025) gp140 Protein (Fc Tag)

Catalog Number: 40251-V02H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

gp140

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.

Source: HIV

Expression Host: HEK293 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.

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:

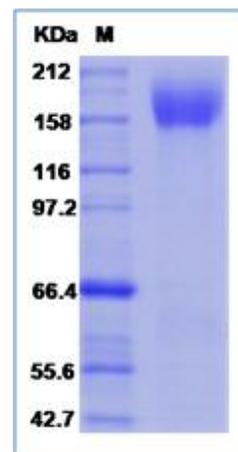
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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