

Recombinant Human HIV-1 GP140 Protein (Asn32-Ile677) (Group M, Subtype C, Strain 92BR025), HlgG1 Fc-tagged

Cat. No. GP140-706H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIV-1 GP140 Protein (group M, subtype C, strain 92BR025) (AAB61124.1) (Asn32-Ile677) was produced by HEK293 Cells expression system. This protein was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Asn32-Ile677
Predicted N Terminal	Asn 32
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade.

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Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

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