Recombinant Human immunodeficiency virus 1 (HIV-1) (group M, subtype C, strain 92BR025) gp140 protein, Fc-tagged

Cat. No. gp140-2173H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human immunodeficiency virus 1 (HIV-1) (group M, subtype C, strain 92BR025) gp140 protein(AAB61124.1)(Asn32-Ile677), fused with Fc tag, was expressed in HEK293.
Species	HIV
Source	HEK293
ProteinLength	Asn32-Ile677
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 (Human immunodeficiency virus 1 (HIV-1) (group M, subtype C, strain 92BR025)1) (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.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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	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 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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