



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	HIV-1 BR029 gp140 Recombinant Protein
<b>Catalog Number:</b>	12066
<b>Lot Number:</b>	140423
<b>Provided:</b>	50 µg of purified protein at 0.875 mg/mL in 20 mM Tris, 150 mM NaCl, pH 7.5 (sterile and does not contain preservatives).
<b>Molecular Weight:</b>	Approximately 140 kD
<b>Purity:</b>	>95% by SDS-PAGE
<b>Description:</b>	A truncated protein derived from HIV-1 93/BR/029 (subtype F) gp160 (Accession No. AY494969), terminating after the Anti-HIV-1 gp41 Monoclonal (2F5) epitope.
<b>Special Characteristics:</b>	<p>This envelope protein is produced in a recombinant CHO cell expression system and purified by affinity chromatography.</p> <p>The resulting protein comprises the ectodomain portion of HIV-1 gp160.</p>
<b>Recommended Storage:</b>	Keep at -80°C. Avoid freeze-thaw cycles as reagent degradation may result.
<b>Contributor:</b>	NIAID, DAIDS (Produced by Polymun Scientific)
<b>NOTE:</b>	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 BR029 gp140 Recombinant Protein from Polymun Scientific (cat# 12066).
<b>Last Updated:</b>	November 05, 2018

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ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.