



## 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>              | 160181  |
| <b>Provided:</b>                | 50 µg of purified protein at 0.8 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.