



DATA SHEET

For research use only. Not for use in humans.

Reagent:	Human Immunodeficiency Virus Type 1 BR029 gp140 Protein, Recombinant from CHO Cells
Catalog Number:	ARP-12066
Lot Number:	180134
Release Category:	A
Provided:	<p>Each vial of ARP-12066 contains approximately 50 micrograms at 0.8 mg/mL in 20 Mm Tris, 150 mM NaCl, pH 7.5 under sterile conditions with no preservatives.</p> <p><u>Note:</u> Lot 180134 is past the manufacturer's shelf life; however, this lot was recently analyzed for purity and integrity by SDS-PAGE and showed only slight degradation.</p>
Description:	<p>ARP-12066 is a recombinant form of human immunodeficiency virus type 1 (HIV-1) BR029 gp140. It is derived from HIV-1 93/BR/029 subtype F gp160 (GenBank: AY494969), terminating after the anti-HIV-1 gp41 monoclonal (2F5) epitope and was produced in a recombinant CHO cell expression system and purified by affinity chromatography. The resulting protein comprises the ectodomain portion of HIV-1 gp160.</p>
Recommended Storage:	ARP-12066 should be stored at -20°C or colder immediately upon arrival. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	DAIDS, NIAID (produced by Polymun Scientific)
Citation:	Acknowledgment for publications should read "The following reagent was obtained through the NIH HIV Reagent Program, Division of AIDS, NIAID, NIH: Human Immunodeficiency Virus Type 1 BR029 gp140 Protein, Recombinant from CHO Cells, ARP-12066, contributed by DAIDS, NIAID; produced by Polymun Scientific."
Biosafety Level: 1	Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. <u>Biosafety in Microbiological and Biomedical Laboratories</u> . 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmbl5/index.htm .
Disclaimers:	<p>You are authorized to use this product for research use only. It is not intended for use in humans.</p> <p>Use of this product is subject to the terms and conditions of the NIH HIV Reagent Program Material Transfer Agreement (MTA). The MTA is available on our Web site at www.hivreagentprogram.org.</p> <p>While the NIH HIV Reagent Program uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government makes any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.</p> <p>This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to the NIH HIV Reagent Program are not liable for damages arising from the misidentification or misrepresentation of products.</p>



Use Restrictions:

This material is distributed for internal research purposes only. This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale.

ATCC® is a trademark of the American Type Culture Collection.

