



## Product Information Sheet for HRP-20082

### Glycoprotein gp120 from Human Immunodeficiency Virus Type 1 (HIV-1) BaL, Recombinant from HEK293F Cells

#### Catalog No. HRP-20082

*For research use only. Not for use in humans.*

#### Contributor:

Division of AIDS (DAIDS), National Institute of Allergy and Infectious Diseases (NIAID)

#### Manufacturer:

Eurofins DiscoverX Products, Le bois l'Evêque, 86600 Celle-Lévescault, France

#### Product Description:

HRP-20082 is a recombinant form of the envelope glycoprotein gp120 from human immunodeficiency virus type 1 (HIV-1) BaL with a C-terminal hexa-histidine tag, which was expressed in human embryonic kidney (HEK293F) cells using vector ARP-13348 and purified by immobilized metal affinity chromatography.<sup>1</sup>

#### Material Provided:

Each vial of HRP-20082 contains approximately 100 µg of purified recombinant protein in 10 mM potassium phosphate, 100 mM NaCl, pH 7.4. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

#### Packaging/Storage:

HRP-20082 was packaged aseptically in screw-capped plastic vials and is provided frozen on dry ice. The product should be stored at -80°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

#### Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH HIV Reagent Program, NIAID, NIH: Glycoprotein gp120 from Human Immunodeficiency Virus Type 1 (HIV-1) BaL, Recombinant from HEK293F Cells, HRP-20082, contributed by DAIDS, NIAID."

#### 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. [Biosafety in Microbiological and Biomedical Laboratories](#). 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

#### Disclaimers:

You are authorized to use this product for research use only. It is not intended for human use.

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](http://www.hivreagentprogram.org).

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#### References:

1. Merceron, R., Personal Communication.

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#### NIH HIV Reagent Program

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