

Vector Containing the Rhoptry (ROP1) Kinase Gene from *Toxoplasma gondii*

Catalog No. ARP-2675

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Lot No. Oct 4, 94

Manufacturing Date: 04OCT1994

For research use only. Not for human use.

Contributor:

Division of AIDS (DAIDS), National Institute of Allergy and Infectious Diseases (NIAID), National Institutes of Health, Bethesda, Maryland, USA and Bruce K. Brown, Project Director, National Institutes of Health AIDS Reagent Program, Germantown, Maryland, USA

Manufacturer:

Bio-Technology General (Isreal) Ltd., Kiryat Malachi, Isreal

Product Description:

ARP-2675 was isolated from a *Toxoplasma gondii* (*T. gondii*) cDNA library (ARP-1896) in which Poly(A)⁺ RNA was extracted from *T. gondii* and used for cDNA synthesis and cloned into lambda ZAPII (Stratagene) as *EcoRI-XhoI* fragments in *E. coli*. ARP-2675 contains a 1400 base pair *EcoRI-XhoI* insert, of which 1300 base pair encodes the entire ROP1 gene.¹

Material Provided:

Each vial contains approximately 2.5 µg of dried vector DNA containing the ROP1 gene from *Toxoplasma gondii*.

Packaging/Storage:

ARP-2675 was packaged aseptically in plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

Citation:

Acknowledgment for publications should read "The following reagent was provided by the NIH AIDS Reagent Program for distribution by BEI Resources, NIAID, NIH: Vector Containing the Rhoptry (ROP1) Kinase Gene from *Toxoplasma gondii*, ARP-2675, 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. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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References:

1. Ossorio, P. N., J. D. Schwartzman and J. D. Boothroyd. "A *Toxoplasma gondii* Rhoptry Protein Associated with Host Cell Penetration Has Unusual Charge Asymmetry." Mol. Biochem. Parasitol. 50 (1992): 1-15. PubMed: 1542304.

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