

Product Information Sheet for HM-136

Prevotella timonensis, Strain CRIS 5C-B1

Catalog No. HM-136

For research use only. Not for human use.

Contributor:

Sharon L. Hillier, Professor, Department of Obstetrics, Gynecology and Reproductive Sciences, Magee-Womens Research Institute, University of Pittsburgh, Pittsburgh, Pennsylvania, USA

Manufacturer:

BEI Resources

Product Description:

Bacteria Classification: *Prevotellaceae*, *Prevotella*

Species: *Prevotella timonensis*

Strain: CRIS 5C-B1

Original Source: *Prevotella timonensis* (*P. timonensis*), strain CRIS 5C-B1 was isolated from a human vagina.¹

Comments: *P. timonensis*, strain CRIS 5C-B1 ([HMP ID 9019](#)) is a reference genome for [The Human Microbiome Project](#) (HMP). HMP is an initiative to identify and characterize human microbial flora. The complete genome of *P. timonensis*, strain CRIS 5C-B1 was sequenced at the [J. Craig Venter Institute](#) (GenBank: [ADEF01000000](#)).

Note: HMP material is taxonomically classified by the depositor. Quality control of these materials is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material.

P. timonensis is a Gram-negative, obligate anaerobic, rod-shaped bacterium commonly found in vaginal microbiota.² *P. timonensis* is an opportunistic pathogen that has been significantly associated with bacterial vaginosis.³

Material Provided:

Each vial contains approximately 0.5 mL of bacterial culture in Modified Chopped Meat medium supplemented with 5% DMSO. Each vial of HM-136, lot 61385884, contains approximately 0.5 mL of bacterial culture in Modified Chopped Meat medium supplemented with 10% glycerol.

Note: If homogeneity is required for your intended use, please purify prior to initiating work.

Packaging/Storage:

HM-136 was packaged aseptically in cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

Growth Conditions:

Media:

Modified Chopped Meat medium or equivalent

Tryptic Soy agar with 5% defibrinated sheep blood or equivalent

Incubation:

Temperature: 37°C

Atmosphere: Anaerobic

Propagation:

1. Keep vial frozen until ready for use, then thaw.
2. Transfer the entire thawed aliquot into a single tube of broth. Use several drops of the suspension to inoculate an agar slant and/or plate.
3. Incubate the tube, slant and/or plate at 37°C for 2 to 4 days.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH as part of the Human Microbiome Project: *Prevotella timonensis*, Strain CRIS 5C-B1, HM-136."

Biosafety Level: 2

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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www.beiresources.org

E-mail: contact@beiresources.org

Tel: 800-359-7370

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References:

1. [HMP ID 9019](#) (*P. timonensis*, strain CRIS 5C-B1)
2. Glazunova, O. O., et al. "*Prevotella timonensis* sp. nov., Isolated from a Human Breast Abscess." *Int. J. Syst. Evol. Microbiol.* 57 (2007): 883-886. PubMed: 17392225.
3. Srinivasan, S., et al. "Bacterial Communities in Women with Bacterial Vaginosis: High Resolution Phylogenetic Analyses Reveal Relationships of Microbiota to Clinical Criteria." *PLoS One* 7 (2012): e37818. PubMed: 22719852.

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