

# Product Information Sheet for HM-1103

## *Prevotella* sp., Strain S7-1-8

### Catalog No. HM-1103

### For research use only. Not for human use.

#### Contributor:

Maria V. Sizova, Ph.D., Department of Biology, Northeastern University, Boston, Massachusetts, USA

#### Manufacturer:

BEI Resources

#### Product Description:

Bacteria Classification: *Prevotellaceae*, *Prevotella*

Species: *Prevotella* sp.

Strain: S7-1-8

Original Source: *Prevotella* sp., strain S7-1-8 is a vaginal isolate obtained in 2012 from a woman with bacterial vaginosis in Washington, USA.<sup>1,2</sup>

Comments: *Prevotella* sp., strain S7-1-8 ([HMP ID 1640](#)) 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 *Prevotella* sp., strain S7-1-8 was sequenced at the [J. Craig Venter Institute](#) (GenBank: [JRNC00000000](#)).

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.

*Prevotella* species are generally Gram-negative, obligately anaerobic, non-motile, non-sporulating, rod-shaped bacteria usually found in the oral, upper respiratory and urogenital flora of mammals.<sup>3,4</sup> Some *Prevotella* species may cause serious (usually polymicrobial) infections and periodontal disease.<sup>4</sup>

#### Material Provided:

Each vial contains approximately 0.5 mL of bacterial culture in Modified Chopped Meat broth supplemented with 10% glycerol.

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

#### Packaging/Storage:

HM-1103 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 broth 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.
3. Use several drops of the suspension to inoculate an agar slant and/or plate.
4. Incubate the tube, slant and/or plate at 37°C for 1 to 3 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* sp., Strain S7-1-8, HM-1103."

#### 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](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

#### Disclaimers:

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**References:**

1. Sizova, M. V., Personal Communication.
2. [HMP ID 1640](#) (*Prevotella* sp., strain S7-1-8)
3. Shah, H. N. and D. M. Collins. "Prevotella, a New Genus to Include *Bacteroides melaninogenicus* and Related Species Formerly Classified in the Genus *Bacteroides*." *Int. J. Syst. Bacteriol.* 40 (1990): 205-208. PubMed: 2223612.
4. Alauzet, C., H. Marchandin and A. Lozniewski. "New Insights into *Prevotella* Diversity and Medical Microbiology." *Future Microbiol.* 5 (2010): 1695-1718. PubMed: 21133690.

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