

***Prevotella* sp., Oral Taxon 472, Strain F0295**

**Catalog No. HM-16**

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

**Contributor:**

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**Manufacturer:**

BEI Resources

**Product Description:**

Bacteria Classification: *Prevotellaceae*, *Prevotella*

Species: *Prevotella* sp.

Subtaxon: Oral Taxon 472

Strain: F0295

Original Source: *Prevotella* sp., Oral Taxon 472, strain F0295 was isolated from a human oral cavity.<sup>1</sup>

Comments: *Prevotella* sp., Oral Taxon 472, strain F0295 (HMP ID 6745) 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., Oral Taxon 472, strain F0295 is currently being sequenced by the Human Genome Sequencing Center at the [Baylor College of Medicine](#) (GenBank: [ACZS00000000](#)).

*Prevotella* species are Gram-negative, anaerobic, rod-shaped bacteria commonly found in oral and vaginal flora.<sup>2</sup>

**Material Provided:**

Each vial contains approximately 0.5 mL of bacterial culture in 0.5X 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-16 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 ([ATCC medium 1490](#)) or equivalent

Tryptic Soy Agar with 5% defibrinated sheep blood or equivalent

Incubation:

Temperature: 37°C

Atmosphere: Anaerobic (80% N<sub>2</sub>:10% CO<sub>2</sub>:10% H<sub>2</sub>)

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 48 to 72 hours.

**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., Oral Taxon 472, Strain F0295, HM-16."

**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 <http://www.cdc.gov/biosafety/publications/bmb15/index.htm>.

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**References:**

1. [HMP\\_6745](#) (*Prevotella* sp., Oral Taxon 472, strain F0295)
2. 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.

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