**Product Information Sheet for HM-843**

**Propionibacterium** sp., Oral Taxon 192, Strain F0372

**Catalog No. HM-843**

For research use only. Not for human use.

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**Manufacturer:** BEI Resources

**Product Description:**
- **Bacteria Classification:** Propionibacteriaceae
- **Species:** Propionibacterium sp.
- **Strain:** F0372

**Original Source:** Propionibacterium sp., Oral Taxon 192, strain F0372 is an oral isolate obtained from a human in USA.1,2

**Comments:** Propionibacterium sp., Oral Taxon 192, strain F0372 (HMP ID 1531) 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 *Propionibacterium* sp., Oral Taxon 192, strain F0372 was sequenced at the Broad Institute. (GenBank: HM F0372)

**Note:** HMP material is taxonomically classified by the depositor.

**Quality Control:**
- Control of these materials is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material.

**Propionibacterium** species are typically anaerobic-aerotolerant, non-motile, non-sporforming, Gram-positive rods that are members of the normal microflora of human skin and mucosa; some species are found in dairy products.3 Propionibacterium species are usually nonpathogenic but in rare cases can cause acne, as well as serious conditions such as dental and postoperative-joint infections, and endocarditis.4-7

**Material Provided:**
Each vial contains approximately 0.5 mL of bacterial culture in Tryptic Soy Yeast Extract broth supplemented with 10% glycerol.

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

**Packaging/Storage:**
HM-843 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:**
  - Tryptic Soy Yeast Extract broth or equivalent
  - Tryptic Soy agar with 5% defibrinated sheep blood or Tryptic Soy Yeast Extract agar 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 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: Propionibacterium sp., Oral Taxon 192, Strain F0372, HM-843.”

**Biosafety Level:** 2


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References:
1. Izard, J., Personal Communication.
2. **HMP ID 1531** (*Propionibacterium* sp., Oral Taxon 192, strain F0372)

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