**Product Information Sheet for HM-179**

*Phascolarctobacterium* sp., Strain 3_1_syn4

**Catalog No. HM-179**

For research use only. Not for human use.

**Contributor:**
Emma Allen-Vercoe, Assistant Professor, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada

**Manufacturer:**
BEI Resources

**Product Description:**
Bacteria Classification: Acidaminococcaceae, *Phascolarctobacterium*
Species: *Phascolarctobacterium* sp.
Strain: 3_1_syn4

**Original Source:** *Phascolarctobacterium* sp., strain 3_1_syn4 was isolated from the colon of a patient undergoing a colon cancer screen procedure in Calgary, Alberta, Canada in 2007.

**Comments:** *Phascolarctobacterium* sp., strain 3_1_syn4 (HMP ID 1001) 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 *Phascolarctobacterium* sp., strain 3_1_syn4 is currently being sequenced at the Broad Institute.

**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.

*Phascolarctobacterium* species are typically non-motile, non-sporulating, Gram-negative-staining, strictly anaerobic, pleomorphic rods found in the gastrointestinal tract of humans and animals. Little is known of the pathogenic potential of *Phascolarctobacterium* species, as clinical data is scarce for these organisms.

**Material Provided:**
Each vial contains approximately 0.5 mL of bacterial culture in Wilkins-Chalgren anaerobe broth supplemented with 2% yeast extract and 10% glycerol.

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

**Packaging/Storage:**
HM-179 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. Freezethaw cycles should be avoided.

**Growth Conditions:**
**Media:**
Wilkins-Chalgren anaerobe medium with 2% yeast extract or Fastidious Anaerobe 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 5 to 10 days.

**Citation:**
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH as part of the Human Microbiome Project: *Phascolarctobacterium* sp., Strain 3_1_syn4, HM-179.”

**Biosafety Level:**
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**Disclaimers:**
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References:
4. HMP_ID 1001 (Phascolarctobacterium sp., strain 3_1_syn4)

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