Product Information Sheet for HM-304

**Collinsella sp., Strain 4_8_47FAA**

Catalog No. HM-304

For research use only. Not for use in humans.

**Contributor:**
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**Manufacturer:**
BEI Resources

**Product Description:**

**Bacteria Classification:** Coriobacteriaceae, Collinsella

**Species:** Collinsella

**Strain:** 4_8_47FAA

**Original Source:** Collinsella sp., strain 4_8_47FAA was isolated from inflamed biopsy tissue taken from the sigmoid colon of a 25-year-old female patient with Crohn's disease.1,2

**Comments:** Collinsella sp., strain 4_8_47FAA (HMP ID 9463) 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 Collinsella sp., strain 4_8_47FAA was sequenced at the Broad Institute (GenBank: ADLA00000000). 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.

Collinsella species are obligately anaerobic, non-sporulating, Gram-positive rods found in the microflora of the human lower gastrointestinal tract.3,4

**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 before initiating work.

**Packaging/Storage:**

HM-304 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% sheep blood or equivalent

**Incubation:**

**Temperature:** 37°C

Atmosphere: Anaerobic

**Propagation:**

1. Keep the 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 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: Collinsella sp., Strain 4_8_47FAA, HM-304.”

**Biosafety Level:**

2


**Disclaimers:**

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References:
2. HMP ID 9463 (Collinsella sp., strain 4_8_47FAA)

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