

***Phascolarctobacterium* sp., Strain 3_1_syn4**

Catalog No. HM-179

Product Description: *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.

Lot^{1,2}: 62072063

Manufacturing Date: 06NOV2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³	Gram-negative rods Report results	Gram-negative rods Circular, low convex, entire, translucent, smooth and colorless (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1370 base pairs)	≥ 99% identical to depositor's sequence Consistent with <i>Phascolarctobacterium</i> sp.	≥ 99% identical to depositor's sequence Consistent with <i>Phascolarctobacterium</i> sp.
Purity (post-freeze) Anaerobic growth ³ Aerobic growth ⁴	Growth consistent with <i>Phascolarctobacterium</i> sp. No growth	Growth consistent with <i>Phascolarctobacterium</i> sp. No growth
Viability (post-freeze)³	Growth	Growth

¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²*Phascolarctobacterium* sp., strain 3_1_syn4 was deposited by Emma Allen-Vercoe, Assistant Professor, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. HM-179 was produced by inoculation of the deposited material into Wilkins-Chalgren broth with lysed horse blood and incubated for 6 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Wilkins-Chalgren anaerobe broth with 2% yeast extract for 13 days at 37°C in an anaerobic atmosphere. The material was passaged one additional time in Wilkins-Chalgren anaerobe broth with 2% yeast extract for 6 days at 37°C in an anaerobic atmosphere to produce this lot.

³6 days on Wilkins-Chalgren anaerobe agar with 2% yeast extract at 37°C in an anaerobic atmosphere

⁴Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO₂.

Figure 1



Date: 03 APR 2015

Signature:

BEI Resources Authentication

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