

***Fusobacterium* sp., Strain 2_1_31**

Catalog No. HM-42

Product Description: *Fusobacterium* sp., strain 2_1_31 was isolated in 2007 from inflamed biopsy tissue taken from the ascending colon of a 25-year-old female patient with active Crohn's disease in Calgary, Alberta, Canada.

Lot^{1,2}: 60096249

Manufacturing Date: 01JUL2011

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³	Gram-negative rod Report results	Gram-negative rod Circular, convex, entire and light gray (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (1370 base pairs)	≥ 99% identical to depositor's sequence Consistent with <i>Fusobacterium</i> sp.	≥ 99% identical to depositor's sequence Consistent with <i>Fusobacterium</i> sp.
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*Fusobacterium* sp., strain 2_1_31 was deposited by Professor Emma Allen-Vercoe, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. HM-42 was produced by inoculation of the deposited material into Modified Chopped Meat Medium ([ATCC medium 1490](#)) and incubated for 48 hours at 37°C and anaerobic atmosphere (80% N₂:10% CO₂:10% H₂). The material from the initial growth

³was passaged once in Modified Chopped Meat Medium for 48 hours at 37°C in an anaerobic atmosphere to produce this lot. 24 hours at 37°C and anaerobic atmosphere (80% N₂:10% CO₂:10% H₂) on Tryptic Soy Agar with 5% defibrinated sheep blood

Figure 1



Date: 04 OCT 2011

Signature:

Title: Technical Manager, BEI Authentication or designee

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