

Desulfovibrio sp., Strain 3_1_syn3

Catalog No. HM-66

Product Description: *Desulfovibrio* sp., strain 3_1_syn3 was isolated in 2007 from healthy biopsy tissue taken from the colon of a 60-year-old woman undergoing a colon cancer screen procedure in Calgary, Alberta, Canada.

Lot¹⁻³: 60185329

Manufacturing Date: 22SEP2011

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ⁴	Report results Report results	Gram-negative rod No growth on agar
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% identical to GenBank: ADDR01000239 (<i>Desulfovibrio</i> sp., strain 3_1_syn3)	≥ 99% identical to GenBank: ADDR01000239 (<i>Desulfovibrio</i> sp., strain 3_1_syn3)
Viability (post-freeze)^{3, 5}	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*Desulfovibrio* sp., strain 3_1_syn3 was deposited by Professor Emma Allen-Vercoc, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. The deposited material was inoculated into Modified Baar's Medium for Sulfate Reducers (ATCC medium 1249) and incubated for 72 hours at 30°C and anaerobic atmosphere (80% N₂:10% CO₂:10% H₂). The material from the initial growth was passaged three times in Modified Baar's Medium for 2 to 4 days at 30°C and anaerobic atmosphere to produce this lot.

³Growth on agar is not recommended for *Desulfovibrio* sp., strain 3_1_syn3 and may not be reproducible.

⁴72 hours at 30°C in an anaerobic atmosphere on Tryptic Soy Agar with 5% sheep blood

⁵72 hours at 30°C in an anaerobic atmosphere in Modified Baar's Medium

Date: 06 NOV 2012

Signature: 

Title: Technical Manager, BEI Authentication or designee

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