

***Paenisporsarcina* sp., Strain HGH0030**

**Catalog No. HM-788**

**Product Description:** *Paenisporsarcina* sp., strain HGH0030 was isolated from a biopsy of large intestine mucosa of a human subject.

**Lot<sup>1,2</sup>: 62072076**

**Manufacturing Date: 21OCT2013**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>4</sup>  Motility (wet mount)	Gram-positive rods or cocci <sup>3</sup> Report results  Report results	Gram-positive rods Circular, slightly peaked, entire, smooth, opaque and cream (Figure 1) Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 800 base pairs)	≥ 99% identical to GenBank: AGEQ01000014 ( <i>Paenisporsarcina</i> sp., strain HGH0030)	≥ 99% identical to GenBank: AGEQ01000014 ( <i>Paenisporsarcina</i> sp., strain HGH0030)
<b>Viability (post-freeze)<sup>4</sup></b>	Growth	Growth

<sup>1</sup>Quality 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.

<sup>2</sup>*Paenisporsarcina* sp., strain HGH0030 was deposited by Thomas M. Schmidt, Professor, Department of Microbiology and Molecular Genetics, Michigan State University, East Lansing, Michigan, USA. HM-788 was produced by inoculation of the deposited material into Tryptic Soy broth and incubated for 71 hours at 30°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles which were grown 72 hours at 30°C in an aerobic atmosphere to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

<sup>3</sup>*Paenisporsarcina* sp. is described as being rods and/or cocci [see Krishnamurthi, S., et al. "Description of *Paenisporsarcina quisquiliarum* gen. nov., sp. nov., and Reclassification of *Sporosarcina macmurdoensis* Reddy et al. 2003 as *Paenisporsarcina macmurdoensis* comb. nov." *Int. J. Syst. Evol. Microbiol.* 59 (2009): 1364-1370.].

<sup>4</sup>68 hours at 30°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

**Figure 1**



**Date:** 26 FEB 2014

**Signature:**

**Title:**

Technical Manager, BEI Authentication or designee

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