

**Product Information Sheet for HM-857**

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**Dermabacter sp., Strain HFH0086**

**Catalog No. HM-857**

**For research use only. Not for human use.**

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

**Product Description:**

**Bacteria Classification:** Dermabacteriaceae, Dermabacter

**Species:** Dermabacter sp.

**Strain:** HFH0086

**Original Source:** Dermabacter sp., strain HFH0086 was isolated from human feces.¹

**Comments:** Dermabacter sp., strain HFH0086 (HMP ID 1484) 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 Dermabacter sp., strain HFH0086 has been sequenced at the Broad Institute (GenBank: ATFO00000000).  

**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.

**Dermabacter** species are Gram-positive, non-motile, non-spore forming, rod-shaped facultative anaerobes.²³ Based on 16S ribosomal gene sequence, it was determined that CDC formative coryneform groups 3 and 5 belong to this genus.⁴⁵ **Dermabacter** species are common colonizers of healthy human skin. They are also opportunistic pathogens and have been isolated from a variety of clinical samples, including blood cultures, abscesses, wounds and vaginal secretions.²⁴⁸

**Material Provided:**

Each vial contains approximately 0.5 mL of bacterial culture in Dermabacter broth supplemented with 10% glycerol. Please see Appendix I for media formulation.

**Note:** If homogeneity is required for your intended use, please purify prior to initiating work.

**Packaging/Storage:**

HM-857 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:**

Dermabacter agar or Tryptic Soy agar with 5% defibrinated sheep blood or equivalent

**Incubation:**

Temperature: 30°C

Atmosphere: Aerobic (with or without 5% CO₂) or anaerobic

**Propagation:**

1. Keep 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 30°C for 1 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: Dermabacter sp., Strain HFH0086, HM-857."

**Biosafety Level:** 2


**Disclaimers:**

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References:

APPENDIX I: ATCC® Medium 1735 Dermabacter medium

Tryptone....................10.0 g
Yeast extract.............5.0 g
Glucose.....................5.0 g
NaCl........................5.0 g
Distilled water..........1.0 L

Adjust pH to 7.4. Autoclave at 121°C for 15 minutes.