**Corynebacterium striatum, Strain FS-1**

**Catalog No. NR-13441**

For research use only. Not for use in humans.

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**Manufacturer:** BEI Resources

**Product Description:**
- **Bacteria Classification:** Corynebacteriaceae, Corynebacterium
- **Species:** Corynebacterium striatum
- **Strain:** FS-1
- **Original Source:** Corynebacterium striatum (C. striatum), strain F-S1 is a clinical isolate from Italy that was isolated between 2005 and 2007.1

*C. striatum* is a non-motile, non-sporulating, Gram-positive bacillus found in soil and animals, and is part of normal human skin flora. It is capable of causing serious community and hospital-acquired infections in both immunocompetent and immunocompromised hosts.2

**Material Provided:**
Each vial contains approximately 0.5 mL of bacterial culture in Tryptic Soy Broth supplemented with 10% glycerol.

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

**Packaging/Storage:**
NR-13441 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:** Tryptic Soy broth or equivalent
  - Tryptic Soy agar with 5% sheep blood or equivalent
  - Incubation: Temperature: 37°C
  - Atmosphere: Aerobic
  - 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 37°C for 1 to 3 days.

**Citation:**
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: *Corynebacterium striatum*, Strain FS-1, NR-13441.”

**Biosafety Level: 2**

**Disclaimers:**
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**References:**
2. Lee, P. P., D. A. Ferguson Jr. and F. A. Sarubbi. “*Corynebacterium striatum* Strain: An Underappreciated...

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