

Blautia* sp., Strain KLE 1732*Catalog No. HM-1032****For research use only. Not for use in humans.****Contributor:**

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Manufacturer:

BEI Resources

Product Description:Bacteria Classification: *Lachnospiraceae*, *Blautia*Species: *Blautia* sp.Strain: KLE 1732Original Source: *Blautia* sp., strain KLE 1732 was isolated on March 20, 2012, from a human fecal sample from an anonymous healthy male donor in Boston, Massachusetts, USA.^{1,2}Comments: *Blautia* sp., strain KLE 1732 ([HMP ID 1547](#)) 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 *Blautia* sp., strain KLE 1732 was sequenced at the Genome Institute at [Washington University](#) (GenBank: [AWSY00000000](#)).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.*Blautia* species are typically Gram-positive-staining, non-motile, obligate anaerobes that are often isolated from animal and human feces.³**Material Provided:**

Each vial contains approximately 0.5 mL of bacterial culture in Modified Reinforced Clostridial broth supplemented with 10% glycerol.

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

HM-1032 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:Modified Reinforced Clostridial broth or equivalent
Modified Reinforced Clostridial agar or Tryptic Soy agar with 5% defibrinated sheep blood or equivalentIncubation:

Temperature: 37°C

Atmosphere: 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 37°C for two to three days.

Citation:Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH as part of the Human Microbiome Project: *Blautia* sp., Strain KLE 1732, HM-1032."**Biosafety Level: 2**Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. [Biosafety in Microbiological and Biomedical Laboratories](#). 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.**Disclaimers:**

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license is required. U.S. Government contractors may need a license before first commercial sale.

References:

1. [HMP ID 1547](#) (*Blautia* sp., strain KLE 1732)
2. Lewis, K., Personal Communication.
3. Liu, C., et al. "Reclassification of *Clostridium coccooides*, *Ruminococcus hansenii*, *Ruminococcus hydrogenotrophicus*, *Ruminococcus luti*, *Ruminococcus productus* and *Ruminococcus schinkii* as *Blautia coccooides* gen. nov., comb. nov., *Blautia hansenii* comb. nov., *Blautia hydrogenotrophica* comb. nov., *Blautia luti* comb. nov., *Blautia producta* comb. nov., *Blautia schinkii* comb. nov. and Description of *Blautia wexlerae* sp. nov., Isolated from Human Faeces." *Int. J. Syst. Evol. Microbiol.* 58 (2008): 1896-1902. PubMed: 18676476.

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