



Maintain strong & healthy bones

Strong and robust bones are key factors for a healthy life. As part of the normal bone turnover, there is a constant formation and break down of bone, two processes that are maintained at a balance. However, after the age of 30 the balance is disrupted, and bone loss exceeds bone formation. This results in a gradual bone loss in healthy adults.

Probi® Osteo is a probiotic bone health concept for healthy adults, based on the combination of the proprietary strains named *Lactobacillus plantarum* HEAL9, *Lactobacillus plantarum* HEAL19 and *Lactobacillus paracasei* 8700:2. The efficacy of the concept is clinically documented and shown to support bone health resulting in strong and healthy bones throughout life.

Health benefits*

- Supports bone health.
- Maintains bone mineral content and density.
- Supports the bone building balance.
- Results in stronger bones.

Short facts

Strains: *Lactobacillus plantarum* HEAL9 and *Lactobacillus plantarum* HEAL19, *Lactobacillus paracasei* 8700:2

Origin: Human intestinal mucosa

Documentation: Preclinical and clinical studies

Recommended daily dose: 10¹⁰ CFU

Safety: QPS status and safe history of use

Different solutions for different needs – product application ideas

Ideal for capsules and stick-packs in the dietary supplement segment or for functional foods such as beverages and powder products.

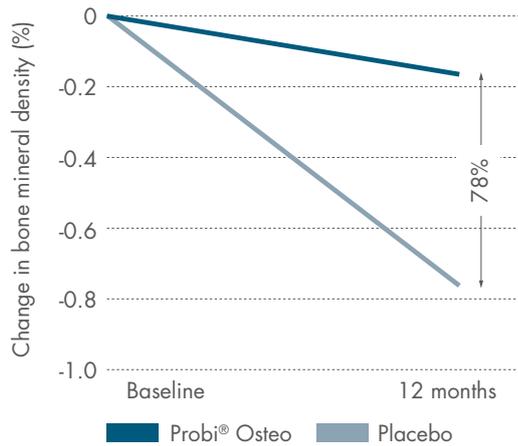
* These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

Clinically proven to maintain bone density and bone mineral content

In recent years, evidence has shown a positive link between the gut microbiota and bone health. Two preclinical studies show that Probi®'s probiotic bacteria significantly protected mice against bone loss. (Ohlsson et al., 2014, unpublished data)

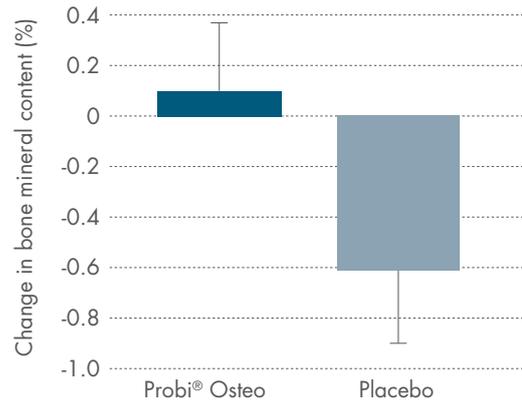
A randomized, double-blind and placebo-controlled clinical study included 250 healthy women (47–69 years) and no women were diagnosed with osteoporosis at inclusion. The daily intake of Probi® Osteo for one year resulted in significantly maintained bone mineral density and bone mineral content.

Intake of Probi® Osteo for one year significantly maintained bone mineral density by 78% compared to placebo



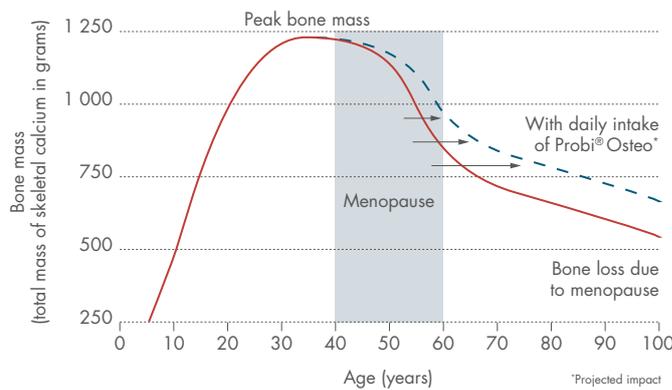
Bone mineral density was measured by DEXA at baseline and at the end of the one-year interventional study including 250 healthy women. Bone mineral density measures the overall structure of bones, and the results show that intake of Probi® Osteo supports the solidness of bones. (Jansson et al., manuscript submitted for publication)

Intake of Probi® Osteo for one year significantly maintained bone mineral content compared to placebo



Bone mineral content was measured by DEXA at baseline and at the end of the one-year interventional study including 250 healthy women. The significant maintenance of bone mineral content contributes to stronger bones. (Jansson et al., manuscript submitted for publication)

Intake of Probi® Osteo results in strong and healthy bones



The Probi® Premium range is an exclusive range of patented probiotic health concepts based on specific strains – concepts with comprehensive clinical dossiers showing repeated positive results on health benefits that are condition or claim specific. Efficacy and safety have been shown in human clinical studies.

Local laws and regulations related to the sale of dietary ingredients may vary. Please consult legal and/or regulatory resources in your local markets for guidance.

Please contact Probi® for further information:

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