

Lentilactobacillus sakei

Product Information

Description	Latilactobacillus sakei is a Gram-positive, short-rod-shaped lactic acid bacterium that grows well on MRS medium, forming milky-white, smooth and round colonies. The strain exhibits plasmin-like activity to dissolve thrombi. It can boost urokinase production and up-regulate the expression of anticoagulation-related genes in vascular endothelial cells, thereby improving the body's anticoagulant capacity. Meanwhile, it promotes the proliferation of venous vascular endothelial cells and increases the level of intracellular antioxidants to facilitate the repair of oxidatively-damaged vascular endothelium. It down-regulates pro-inflammatory factors and up-regulates anti-apoptotic factors, alleviating inflammation and apoptosis of vascular endothelial cells. Capable of biofilm formation, this strain enhances its adhesion and colonization onto intestinal mucin and intestinal epithelial cells. It can be applied in the development of functional products for ameliorating aged blood vessels and venous thrombosis.
Appearance	White to light yellow-free-flowing powder
Form	powder
Activity	100 billion CFU/g or more
Stability	24 Months
Storage	Recommend storage at frozen temperature (-18 °C) or lower in original, sealed package away from light.
Function	For ameliorating aged blood vessels and venous thrombosis