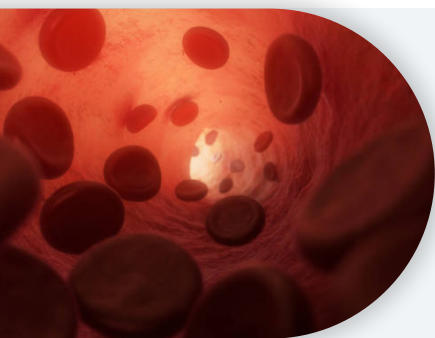




Vitamin K2 MK-7  
**mediQ7**  
**VITAMIN K2**

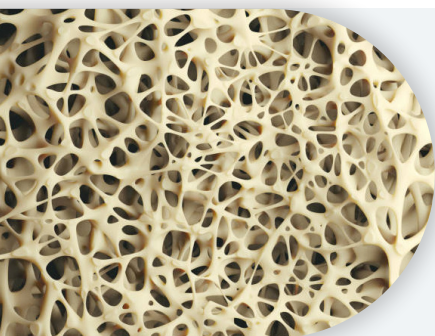
A functional food ingredient for Cardiovascular and Bone Health, is produced by fermentation using a *Bacillus subtilis natto* strain isolated from Korean fermented soy-bean sauce.

**Vitamin K2** MK-7 is produced by clean supercritical extraction technology and is non GMO, is preservative and chemicals free and doesn't involve any synthetic process.



### CARDIOVASCULAR HEALTH

- Vitamin K2 activates Matrix Gla protein (MGP) and it prevents calcification of the artery walls which might lead to cardiovascular disease.
- Without MK-7, calcium doesn't reach the bones and instead it deposits in arteries and blood vessels.
- An adequate intake of Vitamin K2 has shown to positively influence the cardiovascular system.



### BONE HEALTH

- Bone mineral density is directly related to the amount of MK-7 in the body.
- In bones, Vitamin K2 MK-7 activates the protein osteocalcin that takes up calcium from the blood supply and binds it into the bone matrix. The result is a stronger and denser bone matrix, decreasing the risk of fractures and osteoporosis.
- With MK-7 diet, age-related bone loss can be avoided.
- Bones grow and develop most intensively during childhood and adolescence, with up to 90% of peak bones mass acquired by 18. With a MK-7 diet, calcium can be properly used to build healthy, strong bones.

## FURTHER INDICATIONS



Brain

- Neuron protective
- Dementia



Cardiovascular System

- Cardiovascular disease
- Vascular calcification
- Atherosclerosis
- Vascular elasticity
- Arterial stiffening



Pancreas

- Type II Diabetes
- Beta cell proliferation and Insulin production



Kidney

- Renal artery function



Bone

- Bone density
- Reduction of fracture risk
- Bone remodeling



Liver

- Liver regeneration
- Mediates coagulation processes
- Assists recovery of alcoholic and non-alcoholic liver cirrhosis

