

CellSparc 360

CellSparc 360's combination of heart-healthy coenzyme Q10 (ubiquinone), fish oil (omega-3) and palm oil (vitamin E) creates a dietary supplement that supports cardiovascular health.



First isolated in the 1950s, coenzyme Q10 was initially called Q-275, the Q indicating quinone. This naturally occurring quinone was then termed ubiquinone because it is ubiquitous: found in all tissues of the human body.

bit.ly/UbiqutousCoenzymeQ10



Your heart consumes a lot of energy, being a muscular organ that continuously pumps blood throughout your body. CellSparc 360 supports the energy needs of your beating heart by delivering CoQ10, an essential compound required for energy production.



The Enzyme-Coenzyme Connection

Enzymes are proteins that help activate or speed up essential chemical reactions in your body. Coenzymes such as coenzyme Q10 (CoQ10) are molecules that enhance the functions of enzymes. However, coenzymes are not permanently altered after assisting enzymes in chemical reactions, so they can be recycled by your body.

bit.ly/CoenzymesUnaltered

Pro-Aging

Although your body manufactures CoQ10, levels of this antioxidant decrease exponentially with age. CellSparc 360 replenishes the CoQ10 lost through the aging process.



CoQ10 is a fat-soluble, antioxidant compound that must be present in the inner mitochondrial membrane of your cells for the conversion of carbohydrates and fats into energy: adenosine triphosphate (ATP).

heart



kidneys



Did you know . . . ?

CoQ10 was first identified in 1950 and then isolated seven years later from the heart of a cow. Human beings have between 500 – 1,500 milligrams in their bodies, but levels decrease as people age.¹

spleen



This energy-sparking antioxidant is present throughout the body in cellular membranes, particularly those of the mitochondria. Organs that have an abundance of CoQ10 include the spleen, pancreas, lungs, kidneys and heart.

lungs



pancreas



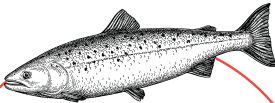
The Two Forms of CoQ10

Ubiquinone

Ubiquinol

Your body synthesizes the **ubiquinone** form of CoQ10, manufacturing it from other compounds. When ubiquinol is needed, your body converts it from ubiquinone. Conversely, less ubiquinone is produced as you age.²

CellSparc 360 supplements the form of CoQ10 that your body produces naturally: **ubiquinone**



The heart-healthy omega-3 essential fatty acids in CellSparc 360's fish oil complex is sourced from five species: anchovy, clupea, sardine, sprat and salmon.

The virgin palm fruit oil in CellSparc 360 delivers 6 grams of vitamin E in each capsule.



¹Coenzyme amounts: https://www.researchgate.net/publication/51687299_Coenzyme_Q10_The_essential_nutrient

¹Aging: <https://pi.oregonstate.edu/mic/dietary-factors/coenzyme-Q10>

²Barcelos IP, Haas RH. CoQ10 and Aging. Biology (Basel). 2019;8(2):28. Published 2019 May 11.

CoQ10 is a lipophilic, or fat-soluble, molecule, meaning it dissolves only in fats not water. That's why CellSparc 360 also contains healthy sources of fish oil and palm oil.

When you take CellSparc 360, the absorption of CoQ10 happens in your small intestines, where it gets transferred to the lymphatic system before being channeled into the bloodstream and circulated where this nutrient is most needed.

Heart-Healthy Nutrients

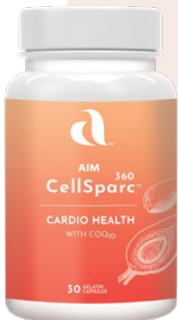
Natural nutrients that help to keep the heart healthy continue to be studied for their cardiovascular benefits. The following are some facts about two good-for-your-heart nutrients: coenzyme Q10 and omega-3.

Coenzyme Q10

- ✓ fat-soluble, vitamin-like compound
- ✓ highest concentration in the heart muscle
- ✓ ignites energy in cell mitochondria
- ✓ acts as an electron carrier for energy molecules: ATP
- ✓ provides a potent antioxidant
- ✓ protects against free radical damage
- ✓ fatigue linked to low CoQ10 levels ¹

Omega-3 Essential Fatty Acids

- ✓ good fats
- ✓ regulates inflammation to maintain a healthy heart ²
- ✓ cannot be produced by the body
- ✓ must come from dietary intake
- ✓ promote healthy cell function
- ✓ component of healthy membranes surrounding each cell
- ✓ alpha-linolenic acid (ALA) is plant-based omega-3



CellSparc 360 for Coenzyme Q10

Each capsule delivers 60 mg of supplementary CoQ10 from a bacterial fermentation source.

AIMega for Omega-3

Each capsule delivers 380 mg of supplementary omega-3 (ALA) from organic flax seed oil.



¹bit.ly/CoQ10_Fatigue

²bit.ly/Heart_Inflammation