

biopro-Q™



NUTRIFII™
FIRST STEP THERAPY

Biopro-Q is an excellent source of CoQ10, which is essential for the body's natural production of cellular energy, and is also a powerful antioxidant. Biopro-Q contains CoQ10 in the form of ubiquinol, which studies have shown to be far more absorbable, and therefore more effective, than traditional CoQ10.*

Support Your Body's Energy

Coenzyme Q10 is often compared to a spark plug that ignites the body's engine by boosting energy production within cells. This cellular energy is what provides fundamental support for our body's vital biological processes. Unfortunately, the body's ability to produce CoQ10 declines with age, which makes supplementation even more important for supporting a healthy body and a healthy lifestyle.*

Biopro-Q contains ubiquinol, the active form of CoQ10, which is found in cells throughout the body. Clinical studies suggest that consuming



ubiquinol may boost the body's supply of CoQ10, including in areas that possess high energy needs like the heart¹ and brain.² In some cases, age, nutritional deficiencies and some medications may lower the body's CoQ10 levels, therefore necessitating supplementation for optimal energy production.*³

CoQ10 is also hailed as an antioxidant⁴ that helps protect cells from oxidative stress and free radicals⁵ and plays a positive role for immune functionality.⁶ Some scientific studies have suggested that CoQ10 ubiquinol supplementation may enhance the functionality of vital cells that support the immune system.*^{7,8}

Yet another benefit is ubiquinol's ability to work synergistically by binding to LDL cholesterol as a form of transport to protecting blood plasma from turning into oxidized (or bad) LDL.*⁹

A Champion for Your Health*

Irregular diets, cholesterol-lowering medications, and the natural aging process works against the body when it comes to natural CoQ10 production. Research has shown that CoQ10 levels drop as the body ages. Combine this with the increased rate of statin drug use, which has been shown to lower CoQ10 levels,¹⁰ and it's easy to see how CoQ10 supplementation can be important for overall health support.*

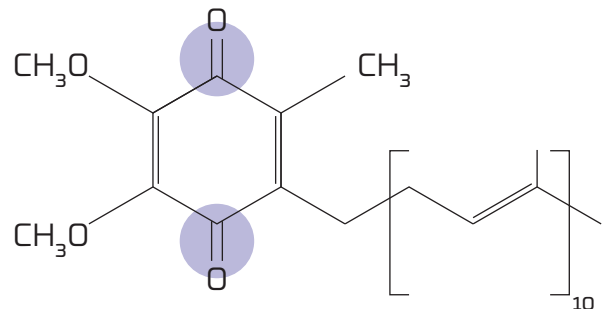
In order to produce CoQ10 naturally, the body must go through a complicated process for production. A deficiency of any kind within the steps of this process can hinder CoQ10 production, hence intake of CoQ10 as a supplement has been explored as a positive option for maintaining a desired level of CoQ10 within the body.*

Traditional Ubiquinone Versus Ubiquinol

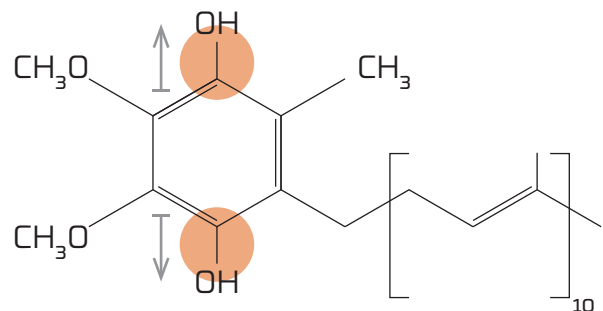
Ubiquinol and ubiquinone are both forms of CoQ10. Ubiquinone is the oxidized form of CoQ10 with which most people are familiar, but new research is finding ubiquinol to be the more effective supplement. In the body, CoQ10 must be converted to the usable form ubiquinol to provide antioxidant protection and generate cellular energy. Because ubiquinol (like that found in Biopro-Q) is pre-converted, it is ready for immediate use by the body, therefore allowing the body to utilize higher levels of CoQ10.*

Differences between the two redox forms of CoQ10

Oxidized CoQ10 (Ubiquinone)



Reduced CoQ10 (Ubiquinol)



 Ketone Groups

 Hydroxyl Groups (adds polarity and influences uptake)



Ensuring That Every Bit Counts

When it comes to supplements, it is not what you eat that counts, but what you absorb. Ubiquinol comes in a powder form and is less fat-soluble, making it easier to absorb. Biopro-Q also contains BioPerine®, the patented form of piperine, an extract obtained from black pepper fruit cultivated in southern India. United States-based clinical studies of BioPerine’s role in bioabsorption has not focused specifically on ubiquinol yet. However, its role in facilitating bioabsorption of other nutrients such as beta-carotene, vitamin B6, and selenium has been evaluated.¹¹ Absorption of all the studied nutrients increased dramatically when administered together with BioPerine.*

Biopro-Q is one of only a few products containing ubiquinol CoQ10 made in the USA that both adheres to good manufacturing practices designated by the FDA and is currently self-affirming GRAS (Generally Recognized as Safe) for foods. Achieving and maintaining adequate levels of CoQ10 is important for everyone, but especially for individuals who want to maintain their heart and brain health. By including Biopro-Q as part of a regular diet and exercise program, it can play a vital role in supporting energy and vitality, as well as overall good health.*

Our Commitment to Excellence

We are committed to bringing the best health and wellness products to you by extensively researching modern nutritional science. The ARIIX 100% potency guarantee is the cornerstone of our quality, and we are dedicated to our mission to Unleash the Human Potential for Good.

Supplement Facts

Serving Size: 1 Softgel
Servings Per Container: 56

	Amount Per Softgel	%DV
Coenzyme Q10 (ubiquinol®)	50 mg	*
Bioperine	2 mg	*

*Daily Value (DV) Not Established.

Other Ingredients: Extra virgin olive oil, gelatin, glycerin, rosemary leaf extract, carob bean extract.

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- Langsjoen PH, Langsjoen AM. Supplemental ubiquinol in patients with advanced congestive heart failure. *Biofactors*. 2008; 32(1-4):119-28. PubMed PMID: 19096107
- Cleren C, Yang L, Lorenzo B, Calingasan NY, Schomer A, Sireci A, Wille EJ, Beal MF. Therapeutic effects of coenzyme Q10 (CoQ10) and reduced CoQ10 in the MPTP model of Parkinsonism. *J Neurochem*. 2008 Mar;104(6):1613-21. Epub 2007 Oct 31. PubMed PMID: 17973981.
- Wada H, Goto H, Hagiwara S, Yamamoto Y. Redox status of coenzyme Q10 is associated with chronological age. *J Am Geriatr Soc*. 2007 Jul;55(7):1141-2. PubMed PMID: 17608895.
- Canadian government health agency/ Health Canada, COENZYME Q10 (UBIQUINONE10) Monograph, November 22, 2007. (url: http://www.hc-sc.gc.ca/dhp-mps/prodnatur/applications/licen-prod/monograph/mono_coenz-Q-10-eng.php)
- Etsuo Niki, "Biomedical and Clinical Aspects of Coenzyme Q10," *Molecular Aspects of Medicine*, Volume 18, Supplement 1, 1997, Pages 63-70
- Ernster, L; Dallner, G (1995). "Biochemical, physiological and medical aspects of ubiquinone function". *Biochimica et Biophysica Acta* 1271 (1):195-204.PMID7599208
- <http://www.numedica.com/literature/Folkers%201993.pdf>
- Giovanni Ravaglia, Paola Forti, Fabiola Maioli, et al., "Effect of micronutrient status on natural killer cell immune function in healthy free-living subjects aged ≥90," *American Journal of Clinical Nutrition*, Vol. 71, No. 2, 590-598, February 2000
- http://www.mbschachter.com/coenzyme_Q-10.htm
- Ghirlanda, G; Oradei, A; Manto, A; Lippa, S; Uccioli, L; Caputo, S; Greco, AV; Littarru, GP (1993). "Evidence of plasma CoQ10-lowering effect by HMG-CoA reductase inhibitors: a double-blind, placebo-controlled study". *Journal of clinical pharmacology* 33 (3): 226-9. PMID 8463436
- Majeed, M. Use of piperine as a bioavailability enhancer. US Patent 5744161, October 26, 1999

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