

BioG-Max PC (Phosphatidyl Choline)

BioG-Max PC Phospholipid Encapsulation System 4 oz. (120mL), Screw-top



Phosphatidyl Choline (PC) is the most predominant phospholipid building block of animal- and plant-cell membranes, and it's an integral part of the structure of circulating lipoproteins. It is a vital component required for both membrane integrity and structure. PC is a normal constituent of bile and facilitates fat emulsification, absorption, and transport.

Metabolism of PC provides choline to the body—while choline can be synthesized from methionine or serine, it is often considered an essential nutrient and must be obtained from the diet. Sufficient levels of phosphatidylcholine have been shown to support many biochemical pathways, enhance physiology, and restore critical functions—such as, liver detoxification of chemicals, heavy metals, and xenobiotics; fat metabolism, including improved cholesterol levels, and reduced platelet aggregation risk; and increased endurance for physical performance and improved post-exercise recovery. PC supplementation has demonstrated increased availability of the important neurotransmitter acetylcholine within the brain, leading to improved memory, cognition, and mood in disorders such as dementia, Alzheimer's disease (2,3,4), and bipolar disorder.

Other health-supporting mechanisms supported by PC include blood sugar regulation, cellular anti-inflammatory and regulatory messaging, lung surfactant health, protection of gastric mucosa from NSAID (5,6) use, and therapeutic potential for the treatment of Inflammatory Bowel Disease. PC is a powerful antioxidant and has been shown to have anti-aging

benefits (7), in addition to improved joint mobility and reduced pain associated with rheumatoid arthritis. Choline is also a major source of methyl groups via its metabolite trimethylglycine (TMG), which is important for Phase II hepatic detoxification.

The Biogenetix™ BioG-Max PC Phospholipid Encapsulation System

brings the power of intravenous therapy into a convenient oral delivery. Our liposomal delivery improves upon liposomal technology with smaller, more stable, single-layer spheres made from the highest-grade ingredients available. In addition to exceptional absorption rates, the nanospheres of our liposomal delivery have demonstrated the ability to cross the blood-brain barrier, deposit their cargo intracellularly, and enhance lymphatic circulation of nutrients. Also, the phospholipids that compose the liposome shell feed the cell membranes. This ensures the proper function for the absorption of nutrients and the excretion of cellular waste and toxins.

General Suggested Usage:

Take 1 teaspoonful (5mL) directly by mouth 1 to 3 times daily. Hold in mouth for 30–60 seconds and swallow. Best taken on an empty stomach. Phosphatidyl Choline has also been shown to be useful while taking detoxification products to enhance fat metabolism and liver regeneration. ••• **Refrigerate after opening.**

To be provided by health care professionals only. The dosage recommendations are only for your health care provider's consideration. Please consult your health care provider for your individual dosing instructions. This product is for nutritional purposes only. It is not designed to diagnose, treat, reverse, cure, or prevent any disease. This product is not intended to replace or delay the use of prescription medication. These statements have not been evaluated by the FDA. All rights reserved © Biogenetix, LLC

Supplement Facts

Serving Size: 1 tsp (5mL)
Servings Per Container: 24

	Amount per Serving	% Daily Value
Phosphatidyl Choline (from purified sunflower seed lecithin)	700mg	†
† Daily Value not established.		

Other Ingredients: Water, Glycerin, Ethanol, Vitamin E (as d-alpha tocopheryl polyethylene glycol 1000 succinate), essential oils.

Production Technology Features:

- Tightly controlled small sizing, verified by Laser
- Dynamic Light Scattering on each batch (Phosphatidyl choline mean size 20-30nm)
- Pleasant taste, suitable for intra-buccal delivery
- Precise pump delivery
- Easy to disperse in water when desired
- Intra-oral delivery for best systemic availability
- Easy to dispense and take directly from bottle

BioG-Max PC References

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7. Kidd PM. Dietary phospholipids as anti-aging nutraceuticals. In: Klatz RA, Goldman R, eds. *Anti-Aging Medical Therapeutics*. Chicago, IL: Health Quest Publications; 2000:283-301.



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