bioclinic naturals
natural solutions + clinical results
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Phosphatidylserine

Supports Cognitive Function

Soy Free • Non-GMO

100 mg

Product Summary

Phosphatidylserine is the most abundant phospholipid in the brain. Along with other phospholipids, phosphatidylserine plays important roles in the structure and fluidity of cell membranes, intercellular communication and protection of cells from damage produced by free radicals.[1,2,3] Due to its presence in the brain, the effects of phosphatidylserine on the central nervous system have been widely studied.[4] Importantly, clinical studies suggest phosphatidylserine supports cognitive functions which tend to decline with age such as memory, learning, concentration and vocabulary.[5,6,7] In addition to this role in age-related cognitive decline, phosphatidylserine has been used in Alzheimer's disease,[1] attention deficit-hyperactivity disorder (ADHD),[8] depression[9] and improving mental function in young people. In a double-blind placebo-controlled trial, the combination of phosphatidylserine with DHA showed improvement in cognitive performance in non-demented elderly with memory complaints. Specifically, verbal immediate recall was significantly improved in the treatment group, and post-hoc analysis revealed that a subset of participants with relatively good cognitive performance at baseline had significant treatment-associated improvements in immediate and delayed verbal recall, learning abilities and time to copy complex figure.[10] In the past, commercial sources of phosphatidylserine have been derived from animal sources. However, enhanced technology has enabled the development of a plant-based source of this important nutrient. Phosphatidylserine by Bioclinic Naturals is made from Sharp-PS® Green, which is derived from non-GMO sunflower oil and is 100% soy free.

Unique Features

- Exogenous phosphatidylserine crosses the blood-brain barrier, where it appears to have an affinity for the hypothalamus.[1]
- Animal experiments suggest phosphatidylserine has a supportive growth effect on the brain, causing larger and an increased number of brain neurons, along with higher nerve growth factor receptor density.[11]
- Phosphatidylserine has been shown to support the function of neurotransmitters acetylcholine, norepinephrine, serotonin, and dopamine in the brain.[1]
- Sharp-PS® Green provides a non-genetically modified, 100% soy free, and safe source of phosphatidylserine derived from sunflower oil.

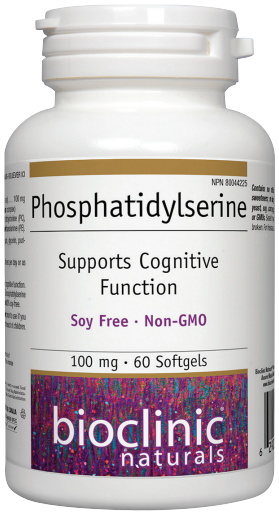
Phosphatidylserine

Supports Cognitive Function

60 Softgels

Code: 9273

NPN: 80044225



Actual size: 15.55 mm x 9.85 mm
Feature: Soy Free • Non-GMO

Bioclinic Naturals is distributed by Assured Natural Distribution Inc.
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Supplement Facts

Serving Size: 1 Softgel
Servings per Container: 60

Each Capsule Contains:
Phosphatidylserine *(Helianthus annuus)* (seed).....100 mg
(From 565 mg non-GMO sunflower lecithin complex)
Also contains naturally occurring phosphatidylcholine (PC), phosphatidylinositol (PI), and phosphatidylethanolamine (PE).

Non-medicinal Ingredients: Softgel (gelatin, glycerin, purified water), non-GMO sunflower oil.

Contains no artificial colours, preservatives, or sweeteners; no dairy, starch, sugar, wheat, gluten, yeast, soy, corn, egg, fish, shellfish, salt, tree nuts, or GMOs. Sealed for your protection. Do not use if seal is broken. For freshness, store in a cool, dry place.

Recommended Adult Dose: 1 softgel 3 times per day or as directed by a health care practitioner.

Recommended Use: Helps in supporting cognitive function. Bioclinic Naturals uses Sharp-PS® GREEN phosphatidylserine derived from non-GMO sunflower oil and 100% soy-free.

Contraindications: Consult a health care practitioner prior to use if you are pregnant or breastfeeding. Keep out of reach of children.

Drug Interactions: As phosphatidylserine is believed to increase acetylcholine levels, conjunctive use with acetylcholinesterase inhibitors and cholinergic drugs may increase acetylcholine levels and may cause cholinergic adverse effects. In addition, conjunctive use with anticholinergic drugs may decrease the effectiveness of these agents.[6,12,13]

References:

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12. Kim HY, Akbar M, Lau A, *et al.* Inhibition of neuronal apoptosis by docosahexaenoic acid (22:6n-3). Role of phosphatidylserine in antiapoptotic effect. *J Biol Chem.*2000;275:35215-23.
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PURE · POTENT · TESTED · TRUSTED

· GUARANTEED ·

Bioclinic Naturals® products are guaranteed to meet or exceed Good Manufacturing Practices (GMP) of the U.S. Food and Drug Administration (FDA), Health Canada, and the Therapeutic Goods Administration (TGA) of Australia.

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