

ANTIOXIDANT FORMULA

Perilla Plus w/ NAC

Helps to modulate immune response and maintain immune function at the cellular level.

PART OF THE PURERESPONSE® PRODUCT LINE



Perilla Plus w/ NAC is designed to support immune health by modulating the Th2 immune response, which helps maintain Th1/Th2 balance and support healthy self-tissue response and mucosal health. Th2 response is affected by stress, aging and cytokine changes resulting from metabolic, hormonal, physiological, and environmental factors. TH2 modulation may play a role in addressing immune balance in the sinus, respiratory, urinary and intestinal tracts.

- Contains a blend of N-acetyl-L-cysteine (NAC), quercetin, perilla seed and astragalus extracts
- Astragalus is used in Herbal Medicine to help maintain a healthy immune system and as an adaptogen to help increase energy and resistance to stress

Good for those who need support with immune response modulation.

The Research

A study investigating the effects of Perilla on LDL oxidation and antioxidant enzyme expression in humans, found Perilla significantly increased mRNA and protein expression levels of antioxidant enzymes in endothelial cells.¹ Research has shown that oxidant-antioxidant balance is an important determinant of immune cell function, including maintaining the integrity and functionality of membrane lipids, cellular proteins, and nucleic acids.² Due to the higher percentage of polyunsaturated fatty acids in their plasma membranes, cells of the immune system are particularly sensitive to changes in oxidant-antioxidant balance. These cells are also frequently exposed to changes in this balance because of the high number of reactive oxygen intermediates produced as part of their normal function.² Perilla extract is a powerful source of antioxidants to help protect against free radicals and the damage that may be caused by oxidative stress. In addition, animal studies have shown that Perilla has the ability to maintain healthy cytokine levels.³

REFERENCES

1. Saita E, Kishimoto Y, Tani M, Iizuka M, Toyozaki M, et al. J Oleo Sci. 2012;61(3):113-20.
2. Meydani SN, Wu D, Santos MS, Hayek MG. Am J Clin Nutr. 1995 Dec;62(6 Suppl):1462S-1476S.
3. Takano H, Osakabe N, Yoshikawa T, et al. Exp Biol Med (Maywood). 2004 Mar;229(3):247-54.

Formula

Adults: Take 2 capsules daily with a meal, or as directed by a healthcare practitioner. Consult a healthcare practitioner for use beyond 12 weeks.

Each capsule contains:

N-Acetyl-L-Cysteine	150 mg
Quercetin	125 mg
Perilla (<i>Perilla frutescens</i>) Seed Extract (5:1, 375 mg dried equivalent)	75 mg
Astragalus (<i>Astragalus membranaceus</i>) Root Extract (16:1, 1280 mg dried equivalent)	80 mg

Non-Medicinal Ingredients: Vegetarian capsule (hypromellose, water) hypoallergenic plant cellulose.



Perilla Plus w/ NAC	Quantity	Order Code	NPN
	120	TH2A1C-C	80090144

For additional immune support, consider adding **Berberine Immune Support** to your daily routine.

Support your immune response modulation with 2 capsules daily.

Visit PureEncapsulations.ca/perilla-plus-w-nac.html

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