

Balanced Immune

Introduced 2018



What Is It?

Balanced Immune offers a blend of resveratrol, enhanced-absorption curcumin, black curcumin, broccoli, quercetin and vitamin D to support healthy self-tissue response, cytokine balance, detoxification, and cellular protection.†

Features

- Part of the PureResponse™ Immune Protocol for healthy immune balance and function†
- Promotes the health of tissues that are influenced by immunological factors, including joints, G.I. and thyroid†
- Offers curcumin as enhanced-absorption sunflower phytosome (non-soy)
- 100 mg trans-resveratrol from a 50% *Polygonum cuspidatum* extract and 800 mcg sulforaphane per capsule
- Contains Sirtmax® black ginger suggested by in vitro studies to promote a 5-fold increase in SIRT1 activity compared to resveratrol‡

Immune Balance: Balanced Immune is designed to support immune balance and tissue integrity, in part by targeting the NLRP and NF-κB pathways to modulate cytokine production. NLRP (NOD-like receptor proteins) act as intracellular sensors to oxidative and environmental stressors. Research suggests curcumin and vitamin D support healthy cellular response, in part by modulating this pathway. †

Cellular function: Balanced Immune also promotes numerous enzyme and gene transcription pathways targeting nutrient metabolism in the liver, detoxification, and cellular protection against oxidative stress. Black ginger and resveratrol promote healthy SIRT1 protein levels. SIRT1 supports cellular homeostasis, plays an important role in insulin secretion and glucose homeostasis through numerous enzyme and gene transcription pathways, and affects glucose and lipid metabolism in the liver by modulating the activity of the nuclear receptor PPAR-gamma. In a double-blind, placebo-controlled, crossover study, 100 mg of SIRTMAX® black ginger extract for seven weeks supported healthy glucose metabolism and weight management.† Sulforaphane and resveratrol also support the activity of Nrf2. Nrf2 is a transcription factor that supports cellular

function by promoting robust, long-lasting expression of numerous genes by promoting cellular protection against oxidative stress and detoxification.‡

What is the Source?

Vitamin D₃ (cholecalciferol) is derived from lanolin, the oil in sheep's wool. Curcumin is included in this formula as clinically researched and patented Meriva® curcumin-phosphatidylcholine complex. The complex offers enhanced efficiency of absorption and resistance to degradation in the digestive tract. Pharmacokinetic data suggests a 20-fold increase in relative absorption compared to standard curcumin. Meriva® turmeric phytosome is derived from *Curcumin longa* root extract and sunflower phospholipids. Broccoli sprout concentrate is derived from *Brassica oleracea* italic whole plant sprouts. Trans-resveratrol is derived from Japanese knotweed (*Polygonum cuspidatum*) root extract. SirtMax® black ginger extract is derived from *Kaempferia parviflora* root. Quercetin is derived from Fava d'anta tree (*Dimorphandra mollis*) pods and cat's claw (*Uncaria tormentosa*) leaves. Hypoallergenic plant fiber is derived from pine cellulose.

Recommendations

Pure Encapsulations® recommends 1 capsule, 1-2 times daily, with or between meals, or as directed by a health professional.

Are There Any Potential Side Effects or Precautions?

If pregnant or lactating, consult your physician before taking this product. It is recommended to use resveratrol cautiously in patients with hormonal disorders and those using estrogen therapy, as resveratrol may act as either an estrogen agonist or estrogen antagonist. Turmeric can cause nausea or diarrhea in some individuals. It is not recommended for individuals with biliary obstruction. Consult your physician for more information.

(continued)

†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.

‡Provides weight management support as part of a healthy lifestyle with a reduced calorie diet and regular exercise.

