Imm-Kine
Natural Support For a Healthy Immune System

Available in bottles of 60 capsules

The Possible Benefits of Imm-Kine, a Dietary Supplement

- Maintains healthy immune system status
- Helps support both humoral and cellular immune responses
- Promotes effective immune response to help maintain healthy cellular growth
- Helps stimulate enhanced macrophage cytotoxicity
- May help inhibit angiogenesis

Description

Imm-Kine dietary supplement from Allergy Research Group® contains a significant quantity of both an extract of Lactobacillus fermentum, rich in muramyl polysaccharide glycan complex (MPGC) and beta-1,3-glucan.

Imm-Kine provides a potent immune stimulating ingredient (MPGC) that enhances the immune system’s ability to maintain good health and inhibit angiogenesis.

Imm-Kine also contains beta-1,3-glucan that also acts as a strong immunostimulator, activating macrophage cytotoxicity.

Research has shown that some polysaccharide components of various plants and bacteria can enhance our body’s immune response. The health promoting effects of various mushrooms such as Reishi, Cordyceps, Maitake, and Shiitake, used through the millennia in Eastern medicine, are thought to involve their content of beta glucans. Recently similar immunologically potent polysaccharides have been identified in the cell walls of various bacteria. Some have suggested that this ability of bacterial cell wall components to enhance the immune response may be partially responsible for the health benefits of probiotic bacteria, such as Bifidobacterium and Lactobacillus casei and acidophilus.

Allergy Research Group’s® ImmKine contains beta-1,3-glucan and muramyl polysaccharide glucan complex (MPGC), a non-toxic bacterial cell wall extract of gram-positive Lactobacillus fermentum. The immune system identifies muramyl peptides as bacterial products and prepares to enhance immunity. Humoral immunity as well as macrophage cytotoxicity is stimulated, in concert with the heightened secretion of several cytokines including tumor necrosis factor alpha, interleukin (IL)-1, IL-6, and IL-12. IL-12 secretion from monocytes has a strong effect that involves both an augmentation of natural killer and T cell activity as well as a potent inhibition of angiogenesis.

Many scientific studies have demonstrated the efficacy of muramyl compounds such as MPGC in stimulating the immune system. Another immune stimulating bacterial cell wall analog, muramyl tripeptide phosphatidylethanolamine, improved Kupffer cell function and protected cells in an animal model. Muramyl compound immuno-
stimulators, natural and synthetic, can activate macrophages, thereby supporting the immune system. It is clear that immunostimulators and angiogenesis inhibitors like MPGC may provide an effective dietary adjunctive support to conventional medical therapy.

Two (2) capsules contain:  
*Lactobacillus fermentum* extract  500 mg  
Beta-1,3-glucan (from *Saccharomyces cerevisiae*) 100 mg  

Other ingredients:  
Ascorbyl palmitate  

Suggested use:  
As a dietary supplement, 2 to 6 capsules daily, or as directed by a healthcare practitioner.

References


