Double Chocolate Immune Bar

Discussion

Approximately five grams of immunoglobulins are produced in the digestive tract daily. Stress and other conditions reduce synthesis and secretion. Oral immunoglobulin supplementation can restore health when there is stress on the immune system and help preserve the normal intestinal barrier. Complex interactions between cells and cytokines directly connect the GI tract to the respiratory tract and other mucosal surfaces. Although orally supplemented immunoglobulins are not absorbed into the bloodstream, they benefit overall immunity by reducing the demand for immunoglobulins in the gut and conserving or redirecting the body’s own immune resources to wherever they may be needed.

Immune Balance is a natural, concentrated source of bovine-derived immunoglobulins and immuno-proteins clinically tested for safety and shown to produce specific humoral immunity against a broad range of human pathogens such as E. coli, H. pylori, cryptosporidia and rotovirus. Besides being rich in immunoglobulins, Immune Balance contains transferrin, endotoxin-binding proteins, and other acute-phase proteins. Also present are IGF-1 and TGF-β that assist recovery.

A clinical study showed that serum proteins such as those found in Immune Balance increased nutrient utilization when they replaced milk protein in the diets of children. Recent studies demonstrate Immune Balance lowered blood lipid levels, improves IBS and reduces inflammation.

The Protein Blend in the Double Chocolate Immune Bar consists of three protein isolates with balanced amino acid profiles. They are easy to digest and assimilate and taste good.

Other Beneficial Ingredients include cocoa powder rich in flavanols and procyanidins that modulate TNF-alpha and other signaling molecules associated with immune function and inflammation. Fructooligosaccharides (FOS) present are bifidogenic, immuno-stimulatory, relieve constipation and decrease pathogenic bacteria in the intestine. The vitamin and mineral content of the Double Chocolate Immune Bar lend further support to immune enhancement and overall wellness.

*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.
INGREDIENTS: Protein Blend (Whey Protein Isolate, Calcium Caseinate, Rice Protein Concentrate, Whey Crisps [Whey Protein Concentrate, Rice Flour]), Sugar Free Dark Chocolate Flavored Coating (Unsweetened Chocolate, Erythritol, Inulin, Cocoa Butter, Milk fat (milk), Soy Lecithin (An Emulsifier), Natural Flavor, Reb A (Extract of Stevia)), Evaporated Cane Juice Invert Syrup, Maltitol Syrup, Immunoglobulin Concentrate Immune Balance, Glycerine, Unsweetened Chocolate, Fructooligosaccharides, Cocoa Powder (processed with alkali), Palm Oil, Natural Flavor, Sea Salt, Vitamin Blend (Ascorbic Acid, Vitamin E [dl-alpha-tocopheryl acetate], Niacinamide, Zinc Oxide, Pantothenic Acid, Pyridoxine Hydrochloride (Vitamin B6), Riboflavin, Vitamin A Palmitate, Thiamine Mononitrate, Folic Acid, Biotin, Potassium Iodide, Cyanocobalamin (Vitamin B12)).

ALLERGEN INFORMATION: Contains Milk and Soy. Made in a facility that processes peanuts, tree nuts, soy, dairy, eggs, and wheat.

NET CARB COUNT

Total Carbs 30g
Non Impact Carbs 17g
(Fiber, Sugar Alcohol, Glycerine)
Net Carb. Count 13g

Nutrition Facts
Serv. Size: 1 Bar (60g) Amount Per Serving: Calories 210, Fat Cal. 70,
Total Fat 7g (11% DV), Sat. Fat 4g (21% DV), Trans Fat 0g, Cholest. 10mg (3% DV), Sodium 75mg (3% DV), Total Carb. 30g (10% DV), Fiber 2g (3% DV), Sugars 10g, Protein 15g (22% DV), Vitamin A (25% DV), Vitamin C (25% DV), Calcium (6% DV), Iron (8% DV), Vitamin D (25% DV), Riboflavin (25% DV), Niacin (25% DV), Vitamin B6 (25% DV), Folate (25% DV), Vitamin B12 (25% DV), Biotin (25% DV), Pantothenic Acid (25% DV), Magnesium (8% DV), Zinc (25% DV), Copper (10% DV). Percent Daily Values (DV) are based on a 2,000 calorie diet.

References

1. Proliant; Ames, IA; brochure . www.proliantinc.com
2. Freedman DJ, Tacket C, Delechanty A, Manecal DR, Nataro J., Milk immunoglobulin with specific activity against purified colonization factor antigens can protect against oral challenge with enterotoxigenic Escherichia coli. Journ Infect Dis 1998;177:662-7
11. Ahead of publication –Proliant research, 2005

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