

360 Bio Transformation™



CLINICAL APPLICATIONS

- Supports Improved Body Composition
- Supports Immune Function
- Supports Anti-Inflammatory Response
- Supports Intestinal Health
- Supports Detoxification

360 Bio Transformation™ represents an innovative functional food approach to biotransformation. This clinically validated, all natural, fructose-free formula comprises ingredients that promote overall gastrointestinal health while optimizing the body's ability to detoxify harmful substances and respond to inflammation. Patented and proprietary ingredients include 21 grams of VegaPro™, 360 Medicine's all natural, vegetable-based protein, along with clinically relevant doses of 360 Medicine's Immune Support™ and Antioxidant Gene Switch™ (SGS™ - sulforaphane glucosinolate).

All 360 Medicine® Formulas Meet or Exceed cGMP quality Standards

DISCUSSION

VegaPro™ : Proteins for functional foods need to possess a good basic nutritional quality. This includes a high protein level, a well-balanced Amino Acid profile, and good digestibility. 360 Medicine's proprietary VegaPro meets these guidelines. In addition, pea and rice proteins are free of gluten and lactose, are generally considered hypoallergenic foods, and have a low level of flatulent sugars, negating the concern of intestinal gas. The blend also contains non-GMO chicory, a source of soluble fiber, and Aminogen®, a patented enzyme system designed to increase amino acid absorption.

The pea protein isolate in VegaPro™ is non-GMO and naturally obtained by simple water extraction, keeping all the nutritional qualities intact. It has a protein content of 90%, excellent digestibility (98%), and a well-balanced amino-acid profile, including a particularly high content of lysine, arginine, and branched-chain amino acids. The combination of rice protein and pea protein achieves an Amino Acid Score of 100%.

Immune Support™ is a purified, highly concentrated (45%), very low saturated fat, dairy free, consistent source of bovine serum-derived immunoglobulin antibodies and immunoproteins that provides immune enhancement by directly boosting immunoglobulin levels in the G.I. tract. Oral immunoglobulins have proven efficacy against a wide variety of harmful microbes. This ingredient also contains beneficial growth factors associated with increases in lean muscle mass and greater protein efficiency. Its TGF-β is known to increase secretion of IgA. Immune Support has also been shown to reduce inflammation.

Antioxidant Gene Switch™ - SGS™, the patented ingredient in Antioxidant Gene Switch™, is a phytochemical found in broccoli called sulforaphane glucosinolate. Much research demonstrates that when this compound is broken down to its active form, sulforaphane, it safely and effectively upregulates the body's natural Phase 2 detoxification enzymes. Functioning as a long-lasting antioxidant, SGS protects cells from free radical damage, thus promoting overall health and well-being.

Arabinogalactan, present in many plants, is a non-digestible, soluble dietary fiber containing mainly the mono-saccharides, galactose and arabinose. The GRAS-designated source of arabinogalactan in 360 Bio Transformation™ is the Larch tree. In addition to involvement in cellular communication and possession of immunostimulatory properties, arabinogalactan minimizes ammonia synthesis and absorption, enhances production of short-chain fatty acids, and favorably alters the gut microflora. Arabinogalactan is considered a prebiotic.



360 Bio Transformation™ Vanilla

Nutrition Facts

Serving Size: (45 g)
Servings Per Container: 14

Amount Per Serving		
Calories 160	Calories From Fat 30	
% Daily Value*		
Total Fat 3g		5%
Saturated Fat 1.5g		7%
Cholesterol 0mg		0%
Sodium 170mg		7%
Total Carbohydrate 15g		5%
Dietary Fiber 4g		14%
Sugars 8g		
Protein 21g		
Vitamin A 0%	Calcium	2%
Vitamin C 2%	Iron	0%

* Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs:

	Calories:	2,000	2,500
Total Fat	Less than	65g	80g
Saturated Fat	Less than	20g	25g
Cholesterol	Less than	300mg	300mg
Sodium	Less than	2,400mg	2,400mg
Potassium		3,500mg	3,500mg
Total Carbohydrate		300g	375g
Dietary Fiber		25g	30g

Calories per gram:
Fat 9 • Carbohydrate 4 • Protein 4

INGREDIENTS: VegaPro™ (360 Medicine®'s proprietary blend of Rice Protein Concentrate and Pea Protein Isolate, Aminogen®, L-Glutamine, Glycine, and Taurine), Evaporated Cane Juice, Fiber Complex (Inulin (from Chicory), Beta Glucans, and Oat Fiber), Sunflower Oil, Immune Support™, Natural Flavors, Medium Chain Triglycerides, Arabinogalactan, Broccoli Seed Extract (SGS™), Sodium Chloride, Xanthan Gum, Guar Gum, Potassium Citrate, Sodium Citrate, and Stevia Leaf Extract.

360 Bio Transformation™ Chocolate

Nutrition Facts

Serving Size: (50 g)
Servings Per Container: 14

Amount Per Serving		
Calories 180	Calories From Fat 35	
% Daily Value*		
Total Fat 4g		6%
Saturated Fat 1.5g		8%
Cholesterol 0mg		0%
Sodium 290mg		12%
Total Carbohydrate 18g		6%
Dietary Fiber 5g		20%
Sugars 7g		
Protein 21g		
Vitamin A 0%	Calcium	2%
Vitamin C 2%	Iron	0%

* Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs:

	Calories:	2,000	2,500
Total Fat	Less than	65g	80g
Saturated Fat	Less than	20g	25g
Cholesterol	Less than	300mg	300mg
Sodium	Less than	2,400mg	2,400mg
Potassium		3,500mg	3,500mg
Total Carbohydrate		300g	375g
Dietary Fiber		25g	30g

Calories per gram:
Fat 9 • Carbohydrate 4 • Protein 4

INGREDIENTS: VegaPro™ (360 Medicine®'s proprietary blend of Rice Protein Concentrate and Pea Protein Isolate, Aminogen®, L-Glutamine, Glycine, and Taurine), Evaporated Cane Juice, Cocoa Powder, Fiber Complex (Inulin (from Chicory), Beta Glucans, Oat Fiber) Sunflower oil, Immune Support™, Natural Flavors, Medium Chain Triglycerides, Arabinogalactin, Broccoli Seed Extract (SGS™), Sodium Chloride, Xanthan Gum, Guar Gum, Potassium Citrate, Sodium Citrate, Stevia Leaf Extract.

DIRECTIONS

Blend, shake, or briskly stir two level scoops (45 grams) of 360 Bio Transformation™ Vanilla & Chocolate into 10 to 12 ounces of chilled water, or use as directed by your healthcare practitioner. Adjust amount of water for desired thickness.

360 Bio Transformation™ Vanilla & Chocolate Contains:

VegaPro™	21 g
Immune Support™	2.5 g
SGS (Antioxidant Gene Switch™)	30 mg
Arabinogalactan	1000 mg

Amino Acid Profile Per Serving 360 Bio Transformation™ Vanilla & Chocolate

Glycine 864mg	Threonine 815mg	Methionine 220mg
Alanine 852mg	Tyrosine 771mg	Cystine 204mg
Valine 1,050mg	Aspartic Acid 2,473mg	Lysine 1,554mg
Leucine 1,727mg	Phenylalanine 1,085mg	Histidine 501mg
Isoleucine 874mg	Tryptophan 158mg	Arginine 1,747mg
Serine 1,165mg	Proline 877mg	Glutamine 4,059mg
		Taurine 500 mg

REFERENCES

1. Fredrikson M, et al. Production process for high-quality pea-protein isolate with low content of oligosaccharides and phytate. *J Agric Food Chem.* 2001 Mar;49(3):1208-12 [PMID: 11312837]
2. Nicolas Gausserès, et al. [15N]-Labeled Pea Flour Protein Nitrogen Exhibits Good Ileal Digestibility and Postprandial Retention in Humans. *Jour Nutr* 1997 Jun;127:1160-65
3. Weiner, C, Pan, Q, et al. Passive immunity against human pathogens using bovine antibodies. *Clin Exp. Immunol.* 1999 May;116(2):193-205 [PMID 10337007]
4. Dickinson EC, Gorga JC, et al. Immunoglobulin A supplementation abrogates bacterial translocation and preserves the architecture. *Surgery* 1998;124:284-90 [PMID: 9706150]
5. Perrez-Bosque, A. Pelegri, C. et al. Dietary Plasma Protein Affects the Immune Response of Weaned Rats Challenged with S. aureus Superantigen B1,2. *J. Nutr.* 134: 2667–2672, 2004 [PMID: 15465764]
6. Antonio J, Sanders MS, Van Gammeren D. The effects of bovine colostrum supplementation on body composition and exercise performance in active men and women. *Nutrition* 2001.Mar.;17(3):243-7[PMID: 11312068]
7. Fahey JW, Talalay P. Antioxidant functions of sulforaphane: a potent inducer of Phase II detoxification enzymes. *Food Chem Toxicol* 1999, 37: 973-79. [PMID: 10541453]
8. Talalay P. Mechanisms of induction of enzymes that protect against chemical carcinogenesis. *Adv Enzyme Regul* 1989;28: 237-50. [PMID: 2696344]
9. Fahey JW, Zhang Y, Talalay P. Broccoli sprouts: an exceptionally rich source of inducers of enzymes that protect against chemical carcinogens. *Proc Natl Acad Sci USA* 1997; 94: 10367-72. [PMID: 9294217]
10. Robinson RR, Feirtag J, Slavin JL Effects of dietary arabinogalactan on gastrointestinal and blood parameters in healthy human subjects. *J Am Coll Nutr.* 2001 Aug;20(4):279-85. [PMID: 11506055]
11. Tharanathan RN. Food-derived carbohydrates—structural complexity and functional diversity. *Crit Rev Biotechnol.* 2002;22(1):65-84. [PMID: 11958336]

*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.

