

Get Lean Protein™



Dr. T's

nutrition you need
for the body you want

CLINICAL APPLICATIONS

- Support Healthy Body Composition
- Immune Support
- Cardiovascular Health
- Healthy Glycemic Management
- Support Gastrointestinal Health
- Foundation Macro-Nutrition

Get Lean Protein™, a vital component of Functional Integrative Therapeutics, is a delicious, high quality functional food featuring 21 grams/serving of bio-active, New Zealand-sourced, pure whey protein, a variety of fibers for gastrointestinal and cardiovascular support and additional amino acids to enhance the muscle-sparing and multiple healthful effects. Individual packets of taste-tempting flavors are available separately to enhance patient compliance.

All of Dr. T's Formulas Meet or Exceed cGMP Quality Standards.

DISCUSSION

Bioactive Whey Protein Concentrate in Get Lean Protein comes from New Zealand, known for its highly strict world standards for dairy processing. Guaranteed 100% pure, this high biological value whey concentrate contains a rich array of essential and non-essential amino acids (including more than 5 grams of branched-chain amino acids) and high levels of bioactive immunoglobulins to support the immune system and intestinal function.^[1,2] The immunoglobulins resist peptic digestion. The immunostimulatory function of immunoglobulins increases the host defense against bacteria, viruses, parasites, and reduces inflammation and may reduce the likelihood of allergic reactions. Whey protein is the “gold standard” of protein for serious athletes. It supports healthy blood pressure, LDL cholesterol & C-reactive protein levels.^[3,4]

Oat Fiber and Chicory Inulin supply six grams of fiber per serving of Get Lean Protein. These fibers favorably affect serum lipids, microbiota, formation of short-chain fatty acids and blood sugar levels. They contain betaglucans and lignins that impact the binding of bile acids and reduction of cholesterol levels.^[5,6,7]

Oat Beta-Glucan, a polysaccharide and fermentable soluble fiber, has been proven to have immune-enhancing, chemoprotective properties. It may offset the immunosuppression caused by intense exercise.^[8] A randomized, controlled clinical trial demonstrated that oat beta glucan can significantly lower serum lipids in a high-risk population and may improve colon health.

Glutamine and glycine, in combination with the cysteine-rich whey protein promote glutathione synthesis, combating free radicals. Glutamine, crucial in nitrogen metabolism, is important for replenishing amino acid stores especially after exercise or stress. This amino acid aids in intestinal cell proliferation; thereby preserving gut barrier function and intestinal health. Glycine is an inhibitory (calming) neurotransmitter, an important constituent of collagen and building block for other substances such as CoA, nucleic acids, creatine phosphate, purines, and other bile and amino acids.

Taurine, a derivative of sulfur-containing, cysteine, has many healthful clinical applications including neurotransmission inhibition, cell membrane stabilization, cardiovascular benefits, glucose tolerance improvement, detoxification support and synthesis of bile salts.

Medium Chain Triglycerides are rapidly-absorbed, easily metabolized and quick form of energy.

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Get Lean Protein™



GET LEAN PROTEIN CHOCOLATE

(AVAILABLE IN OTHER FLAVORS UPON REQUEST)

DOSING:

Mix 2 scoops in 10-12 oz. cold water. Adjust amount of water according to thickness desired. Use 1-2 times a day.

Nutrition Facts

Serving Size: 2 Scoops (60 g)
Servings Per Container: 14

Amount Per Serving		Calories From Fat 30
	Amount Per Serving	%Daily Value*
Total Fat	3 g	5%
Saturated Fat	2 g	10%
Trans Fat	0 g	
Cholesterol	55 mg	18%
Sodium	60 mg	3%
Potassium	440 mg	13%
Total Carbohydrate	29 g	10%
Dietary Fiber	6 g	24%
Sugars	14 g	
Protein	21 g	42%
Vitamin A		0%
Vitamin C		0%
Calcium	100 mg	10%
Iron	2.6 mg	15%
Immunoglobulins	2.1 g	**

* Percent Daily Values are based on a 2,000 calorie diet.
** Daily Value not established.



Other Ingredients: New Zealand Biosciences® Proprietary Whey Protein Concentrate, Fructose, Xylitol, Cocoa, Natural Flavors, Oat Fiber, Chicory Inulin, Oat Beta-Glucan, L-Glutamine, L-Glycine, Aminogen® (300 mg), L-Taurine, Corn Bran, Xanthan Gum, Medium Chain Triglycerides, Soy Lecithin.

Typical Amino Acid Profile:

Amino Acid	Milligrams per serving	Amino Acid	Milligrams per serving
L-Alanine	925.7	L-Lysine*	1611.3
L-Arginine**	480.0	L-Methionine*	445.7
L-Aspartamine	1937.1	L-Phenylalanine*	600.0
L-Cysteine	497.1	L-Proline	1114.2
L-Glutamine	4188.6	L-Serine	925.7
L-Glycine	1345.2	L-Threonine*	1268.5
L-Histidine**	342.8	L-Tryptophan*	360.0
L-Isoleucine (BCAA)*	1199.9	L-Tyrosine**	600.0
L-Leucine (BCAA)*	1954.2	L-Valine (BCAA)*	1097.1

* Essential Amino Acid
** Conditionally Essential Amino Acid

Aminogen®, a Registered Trademark of Trianco Industries (U.S. Patent #5,387,422)



REFERENCES

- Ha E, Zemel MB. Functional properties of whey, whey components and essential amino acids: mechanisms underlying health benefits for active people (review). *J Nutr Biochem*. 2003 May, 14(5):251-8. [PMID: 12832028]
- Micke P, Beeh KM, Schllak JF, Buhl R. Oral supplementation with whey proteins increases plasma glutathione levels of HIV-infected patients. *Eur J Clin Invest*. 2001 Feb;31(2):171-8 [PMID: 11168457]
- Vermeirssen V, et al. In vitro intestinal transport and antihypertensive activity of ACE inhibitory pea and whey digests. *Int J Food Sci Nutr*. 2005 Sep;56(6):415-30 [PMID: 16361182]
- Pins JJ, Keenan JM. Effects of whey peptides on cardiovascular disease risk factors. *J Clin Hypertens (Greenwich)*. 2006 Nov; 8(11):775-82 [PMID: 17086017]
- Makelainen H, et al. The effect of beta-glucan on the glycemic and insulin index. *Eur J Clin Nutr*. 2006 Dec 6; [Epub ahead of print] [PMID: 17151593]
- Sayar S, Jannink JL, White PJ: In vitro bile acid binding activity within flour fractions from oat lines with typical and high beta-glucan amounts. *Agric Food Chem*. 2006 Jul 12, 54(14) 5142-8 [PMID: 16819928]
- Drzikova B, Dongowski G, Gebhardt E. Dietary fiber-rich oat based products affect serum lipids microbiota, information of short-chain fatty acids and steroids in rats. *Br J Nutr*. 2005 Dec; 94(6):1012-25 [PMID: 16351781]
- Murphy EA, et al. Oat beta Glucan Effects on Neutrophil Respiratory Burst Activity following Exercise. *Med Sci Sports Exerc*. 2007 Apr; 39(4):639-44 [PMID:17414801]
- Queenan KM, et al. Concentrated oat beta glucan, a fermentable fiber, lowers serum cholesterol in hypercholesterolemic adults in a randomized controlled trial. *Nutr J*. 2007 Mar 26;6:6 [PMID: 17386092]

CAUTIONS

Consult with your healthcare practitioner before use. Keep out of reach of children.

*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.

