

SlimSignals® with Irvingia & Fucoxanthin

60 softgels

Item Catalog Number: 01293



[Weight Loss Guide](#)

Scientists have identified specific biological mechanisms that cause aging people to gain weight ... no matter how little they eat. The problem was that there was no way to circumvent the underlying factors that cause excess body fat ... until now! As you are about to learn, gaining control over your body's command signals is critical to maintaining a healthy weight.

APPETITE CONTROL AND LEPTIN

Leptin is a hormone that tells our brain that we have consumed enough calories and can stop eating. Leptin also induces a process whereby fat stored in cells is broken down. As we age, our cells (including the appetite control center in our brains) become "leptin resistant." This means that leptin is unable to effectively regulate body weight.

Adult-onset weight gain is characterized by the enlargement of existing adipocytes (fat cells) that store too much fat. The size of fat cells is controlled by gene transcription factors. Fat cell size is closely related with adiponectin expression — with reduced adiponectin expression in larger fat cells. In addition, gene transcription factors help regulate adiponectin, and this crucial hormone is critical for supporting insulin sensitivity.

An enzyme called glycerol-3-phosphatedehydrogenase is critical for synthesizing fatty acids in our bodies. Suppressing this enzyme helps reduce the amount of glucose (sugar) in our bloodstream from being converted into fatty acids.

IRVINGIA AND WEIGHT LOSS SUPPLEMENTS

Weight loss utilizing diet modification, supplements, hormones or drugs usually functions via a single mechanism. Adipocytes (fat cells), on the other hand, possess numerous means to ensure their survival. An extract from a West African plant called Irvingia has been shown to help maintain healthy body weight in four ways:*

Reversing Leptin Resistance

Fat cells produce C-reactive protein (CRP), a pro-inflammatory compound that leads to "leptin resistance." Overweight people given **Irvingia** have lower levels of CRP, and therefore less CRP is able to block the activity of leptin. Leptin is important in weight management because it promotes the breakdown of fat in adipocytes and tells the brain to turn off chronic hunger messages.

Increasing Adiponectin

Large fat cells secrete less adiponectin, and adiponectin is a crucial hormone that helps support insulin sensitivity as well as cardiovascular health. Overweight people given Irvingia show markedly increased adiponectin levels.

Inhibiting the Fat Converting Enzyme

An enzyme called glycerol-3-phosphate dehydrogenase facilitates the conversion of glucose into triglycerides that increase adipocyte size. Irvingia inhibits glycerol-3-phosphate dehydrogenase, thus reducing the amount of glucose (sugar) that is converted to fat in the body.

Reducing Carbohydrate Absorption

In order for carbohydrates to be fully absorbed, they must be broken down in the digestive tract by the amylase enzyme. Irvingia inhibits amylase, and thus reduces the amount of ingested starches that will be absorbed as sugar.

Several studies demonstrate the weight loss properties of Irvingia.¹ In the largest placebo controlled human study, those taking Irvingia lost 28 pounds over a 10-week period compared to only up to 3 pounds in the placebo group.² The study participants did not alter their diet.*

IRVINGIA, FUCOXANTHIN AND FAT BURNING

A combination of Integra-Lean® Irvingia, fucoxanthin, and pomegranate seed oil called SlimSignals® provides 150 mg of Irvingia in each softgel capsule, plus fucoxanthin and pomegranate seed oil. **Fucoxanthin** functions to increase nonstimulating thermogenesis (fat burning) in adipocytes, while pomegranate seed oil reduces blood supply to adipocytes.

References

1. Lipids Health Dis. 2005 May 25;4:12.
2. Nutrition Journal 2008 (submitted).

Supplement Facts

Serving Size 1 softgel

Servings Per Container 60

Amount Per Serving

Integra-Lean® *Irvingia gabonensis* proprietary extract (seed)

150 mg

Optimized Fucoxanthin-Slim™ Blend

300 mg

Xanthigen® - Proprietary Blend of Wakame (*Undaria pinnatifida*) and Kombu (*Laminaria japonica*) fucoxanthin extract (whole plant) and Pomegranate Oil (*Punica granatum*) puniolic acid extract (seed)

Other ingredients: olive oil, gelatin, glycerin, beeswax, water, maltodextrin, lecithin, and caramel.

Contains soybeans and tree nuts. Contains corn. This product contains NO milk, egg, fish, peanuts, crustacean shellfish (lobster, crab, shrimp), wheat, yeast, gluten, or rice. Contains NO artificial sweeteners, flavors, colors, or preservatives.

Integra-Lean® Irvingia is protected by U.S. Patent No. 7,537,790. Other patents pending.

XANTHIGEN® is a registered trademark of National Bioscience Corp

Dosage and Use

- Take one softgel twice daily with water, 15-30 minutes before meals, or as recommended by a healthcare practitioner.
- Clinical research using Xanthigen® indicates that it may take 6 weeks of consecutive use to experience a significant thermogenic response.
- Stimulant free. Do not take with fiber supplements.
- This supplement should be taken in conjunction with a healthy diet and regular exercise program. Results may vary.

Note:

This product is sold exclusively by Life Extension direct and not available from Life Extension Distributors. Due to license restrictions, it is not for sale outside of North America.

Please Note

This product is designed to target several critical factors involved in age-related weight gain. Those who ingest more calories than what their body has the metabolic capacity to utilize will not see results. This is because some people are ingesting so many excess calories that no matter how much their metabolic rate is increased, or how much improvement occurs in their post-meal blood sugar and serum triglyceride levels, or by how much youthful insulin sensitivity and other body fat-regulating systems are restored, they are overwhelming the metabolic capacity to utilize these calories. This will result in excess calories being stored in adipocytes. One cannot consume limitless calories and expect to shed fat pounds by taking drugs, nutrients, and/or hormones that demonstrate weight-loss effects in clinical studies.

Warnings

- Keep out of reach of children.
- Do not exceed recommended dose.
- Do not purchase if outer seal is broken or damaged.
- If you have a bad reaction to product discontinue use immediately.
- When using nutritional supplements, please consult with your physician if you are undergoing treatment for a medical condition or if you are pregnant or lactating.

disease. The information provided on this site is for informational purposes only and is not intended as a substitute for advice from your physician or other health care professional or any information contained on or in any product label or packaging. You should not use the information on this site for diagnosis or treatment of any health problem or for prescription of any medication or other treatment. You should consult with a healthcare professional before starting any diet, exercise or supplementation program, before taking any medication, or if you have or suspect you might have a health problem. You should not stop taking any medication without first consulting your physician.