

Pancreatrophin PMG®

Supports Healthy Pancreas Function

The pancreas is both an exocrine and an endocrine organ. Pancreatic secretion contains enzymes for digestion of all three major types of food: proteins, carbohydrates, and fats. The exocrine secretion of the pancreas is called pancreatic juice and contains the enzymes trypsinogen, chymotrypsinogen, amylase, and lipase. Sodium bicarbonate, also contained in pancreatic juice, plays an important role in neutralizing the acid chyme, which is emptied by the stomach in the duodenum.

Endocrine secretion begins in the islets of Langerhans cells. These cells secrete 1) glucagon, which raises blood glucose; 2) insulin, which lowers blood glucose; and 3) somatostatin, which inhibits the secretion of insulin, glucagon, and growth hormone from the anterior pituitary as well as gastrin from the stomach.[†]

How Pancreatrophin PMG Keeps You Healthy

Maintains cellular health

Protomorphogen™ extract is the brand name of Standard Process' extracts derived from nucleoprotein-mineral molecules. The foundation for the function of these uniquely formulated nucleoprotein-mineral extracts comes from the antigen-antibody reaction that takes place during normal cell maintenance. The antigenic properties promote healthy cellular division, function, and growth. When a tissue needs support, at least a dozen different compounds are formed that can cause white blood cells to travel together toward the compromised area. These compounds include degenerative products of the tissues themselves. They strongly activate the macrophage system, and within a few hours, the macrophages begin to devour the destroyed tissue byproducts. At times, the macrophages can also affect the structure of the remaining healthy cells. The bovine pancreas PMG™ extract in Pancreatrophin PMG appears to neutralize the circulating antibodies, thereby contributing to the maintenance of cellular health.[†]

Helps maintain a healthy gastrointestinal tract

Alfalfa is regarded as a source of enzymes and chlorophyll. Its chlorophyll content is one of the richest in the plant kingdom. Chlorophyll protects and detoxifies the gastrointestinal tract and helps maintain healthy intestinal flora.[†]

Supports metabolic activity

Nutritional yeast contains chromium, selenium, and concentrations of B-complex vitamins such as cocarboxylase, an important coenzyme in the physiological utilization of sugars. In addition, nutritional yeast helps support a healthy balance of normal intestinal flora. Nutritional yeast is also a source of essential amino acids and enzymes that break down proteins.[†]

Please copy for your patients.

†These statements have not been evaluated by the Food & Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.



Introduced in 1953

Content:

90 tablets

Suggested Use: One tablet per meal, or as directed.

Supplement Facts:

Serving Size: 1 tablet

Servings per Container: 90

	Amount per Serving	%DV
Calories	2	
Sodium	20 mg	<1%

Proprietary Blend: 425 mg
Bovine pancreas PMG™ extract, dried alfalfa (whole plant) juice, nutritional yeast, porcine duodenum, defatted wheat (germ), dried buckwheat (leaf) juice, and buckwheat (seed).

Each tablet supplies approximately: 95 mg bovine pancreas PMG™ extract.

Other Ingredients: Arabic gum and calcium stearate.

Sold through health care professionals.



800-558-8740 | standardprocess.com

Pancreatrophin PMG®

What Makes Pancreatrophin PMG Unique

Product Attributes

Multiple nutrients from a variety of plant and animal sources

- › Bovine and porcine tissues provide cellular support and rehabilitation to the corresponding tissues in humans
- › Vitamins, minerals, and nutrients from plants and animal tissues work synergistically for maximum effect[†]

Contains Protomorphogen™ extracts

- › Standard Process uses a unique manufacturing method of deriving tissue cell determinants from animal glands and organs
- › Important antigenic properties of nucleoprotein-mineral determinants are the foundation of the product[†]

Certified Organic Farming

A healthy ecosystem is created by using organic farming techniques, such as rotating crops, fertilizing the soil with nutrient-rich cover crops and byproducts from our processing, practicing strict weed-control standards, and continually monitoring the health of our plants

- › Assures the soil is laden with minerals and nutrients
- › Ensures plants are nutritionally complete and free from synthetic pesticides

Manufacturing and Quality-Control Processes

Upon harvesting, nutrient-rich plants are immediately washed and promptly processed

- › Preserves nutritional integrity

Low-temperature, high-vacuum drying technique

- › Preserves the enzymatic vitality and nutritional potential of ingredients

Not disassociated into isolated components

- › The nutrients in Pancreatrophin PMG are processed to remain intact, complete nutritional compounds

Degreed microbiologists and chemists in our on-site laboratories continually conduct bacterial and analytical tests on raw materials, product batches, and finished products

- › Ensures consistent quality and safety

Vitamin and mineral analyses validate product content and specifications

- › Assures high-quality essential nutrients are delivered

Whole Food Philosophy

Our founder, Dr. Royal Lee, challenged common scientific beliefs by choosing a holistic approach of providing nutrients through whole foods. His goal was to provide nutrients as they are found in nature—in a whole food state where he believed their natural potency and efficacy would be realized. Dr. Lee believed that when nutrients remain intact and are not split from their natural associated synergists—known and unknown—bioactivity is markedly enhanced over isolated nutrients. Following this philosophy, even a small amount of a whole food concentrate will offer enhanced nutritional support, compared to an isolated or fractionated vitamin. Therefore, one should examine the source of nutrients rather than looking at the quantities of individual nutrients on product labels.

Studies on nutrients generally use large doses and these studies, some of which are cited below, are the basis for much of the information we provide you in this publication about whole food ingredients. See the supplement facts for *Pancreatrophin PMG*.

- Guyton A.C., Hall J.E. Genetic Control of Protein Synthesis, Cell Function, and Cell Reproduction. *Textbook of Medical Physiology*. 3.
Guyton A.C., Hall J.E. Inflammation and function of macrophages. *Textbook of Medical Physiology*. 9th ed. 439.
Guyton A.C., Hall J.E. White blood cells and chemotactic attraction. *Textbook of Medical Physiology*. 9th ed. 434.
Perry R., Tiver D.F. 1989. *The Nutritional and Health Encyclopedia*. 2nd ed. Van Nostrand Reinhold: New York. 14, 582.
Van Wynsberghe D., et al. 1995. *Human Anatomy and Physiology*. 3rd ed. McGraw-Hill, Inc: New York. 738-748.