

# Myotrophin PMG<sup>®</sup>

5800

Please Copy for Your Patients

## Myotrophin PMG is a Special Combination Formula Containing Bovine Muscle PMG<sup>™</sup> Extract, Calcium Lactate, and Magnesium Citrate

Myotrophin PMG is formulated to help maintain the healthy functioning of the muscular system. Creatine, an amino acid found in muscle, is a primary high-energy source for muscle. The richest sources of creatine come from red muscle meats.†

### How Myotrophin PMG Keeps You Healthy

#### Maintains cellular health

Protomorphogen<sup>™</sup> 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. They include degenerative products of the tissues themselves. These substances strongly activate the macrophage system, and within a few hours, the macrophages begin to devour the destroyed tissue by-products. At times, the macrophages can also affect the structure of the remaining healthy cells. The bovine muscle PMG<sup>™</sup> extract in Myotrophin PMG appears to neutralize the circulating antibody, thereby contributing to the maintenance of cellular health.†

#### Helps support muscle health

Myotrophin PMG contains naturally-occurring Coenzyme Q<sub>10</sub> complex. Coenzyme Q<sub>10</sub> complex is a vitamin-like substance, well established in scientific literature as an important nutrient in maintaining healthy muscular function. One of its many influences is its antioxidant effect to help scavenge free radicals.†

Calcium is also an important nutrient in supporting sound muscular function. Calcium lactate is a very soluble calcium salt and highly bioavailable—it changes to calcium bicarbonate (the type used by the body) in one chemical step. Unlike other forms of calcium, which are largely insoluble in water and need acid conditions to be absorbed, Standard Process' calcium lactate is highly soluble in water (a neutral pH) and does not depend on acid conditions to perform its function.†

#### Sustains metabolic efficiency

While magnesium is present in most cells in only minute quantities, it plays an important role in human metabolism, as does its partner, calcium. It functions in such reactions as nerve conduction and nerve excitability, transfer of energy, muscular activity, and many other specific processes. Magnesium functions as a cofactor, assisting enzymes in catalyzing many chemical reactions. Magnesium and calcium are synergistic, meaning that what they do for the body together, they cannot perform on their own.†



**Introduced in:**

1958

**Content:**

90 Tablets

#### Supplement Facts:

Serving Size: 1 tablet  
Servings per Container: 90

		%DV
Calories	1	
Calcium	20 mg	2%

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

# Myotrophin PMG®

## What Makes Myotrophin PMG Unique

### Unique Product Attributes

#### Ingredients are derived from whole-food sources

- Each tablet supplies 120 mg bovine muscle PMG™ extract
- A source of creatine precursors
- Contains naturally-occurring Coenzyme Q<sub>10</sub> from bovine muscle PMG™ extract

#### Contains Protomorphogen™ extracts

- Standard Process' unique manufacturing method of deriving tissue cell determinants from animal glands and organs
- Help provide cellular support and rehabilitation in corresponding human tissues
- Important antigenic properties of nucleoprotein-mineral determinants, the foundation of the product†

#### The calcium lactate in Myotrophin PMG is a pure-vegetable source of calcium

- Not derived from a dairy source

### Unique Processing

#### Exclusive low-temperature, high-vacuum drying technique

- Preserves the enzymatic vitality and nutritional potential of ingredients

#### Not disassociated into isolated components

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

#### Degreed microbiologists and chemists in our on-site laboratories constantly 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

*Dr. 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 synthetic nutrients. Following this philosophy, even a small amount of a whole food concentrate will offer enhanced nutritional support, compared to a synthetic or fractionated vitamin. Therefore, one should examine the source of nutrients rather than looking at the quantities of individual nutrients on product labels.*

*Each tablet supplies 120 mg bovine muscle PMG™ extract.*

***Proprietary Blend:** Bovine muscle PMG™ extract and magnesium citrate.*

***Other Ingredients:** Calcium lactate, cellulose, and calcium stearate.*

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

***Sold to health care professionals.***

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 Myotrophin PMG®.  
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Volek J. 1997. Creatine Supplementation Enhances Muscular Performance During High Intensity Resistance Exercise. *Journal of American Dietetic Association*. 97: 765-770.