Symplex® F

7780 90 Tablets | **7785** 360 Tablets

GF | NON DAIRY | NON GRAIN | NON SOY

WOMEN'S HEALTH

- Symplex® F, a supplement for women's health, contains a proprietary Protomorphogen™ blend
- PMGs contain a unique profile of nucleotides and peptides from bovine ovary, adrenal, pituitary, and thyroid

Supplement Facts

Serving Size: 1 Tablet
Servings per Container: 360

	Amount per Serving	%Daily Value
Calcium	20 mg	2%
Sodium	15 mg	<1%
Proprietary Blend	135 mg	†
Magnesium citrate, bovine ovary PMG™ extract, bovine adrenal PMG™ extract, bovine pituitary PMG™ extract, and bovine thyroid PMG™ extract (processed to substantially remove its thyroxine).		

†Daily Value not established.

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

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The endocrine system is comprised of eight major glands in the body and is responsible for sending chemical messages in the form of hormones. There are more than 20 important hormones secreted by endocrine glands. Ovaries and glands such as the adrenals, pituitary and thyroid are part of the endocrine system.

Hormones travel throughout the body and influence many important body processes including growth and development, reproduction and sexual function, digestion, elimination of wastes, regulation of body temperature, breathing, and the circulation of blood.[1] The normal level of hormones in the body can be disrupted by such things as fluid and mineral levels in the blood, stress, or an immune system challenge in the body. In response to stress, some hormones will increase, such as cortisol and growth hormone, while some will decrease or be suppressed like thyroid hormones and insulin.[2]

The natural aging process can cause many hormone levels to decrease including estrogen, melatonin, and pregnenolone, the precursor of all steroid hormones.[3] Age-related changes in endocrine function can be significant, often mimicking hormone reduction seen in patients with deficiency.[3] As natural aging occurs, these normal hormone changes can cause changes in lean body mass, muscle mass, fat mass, immune system function, and circadian rhythm.[3] While essential adrenal and thyroid functions appear to remain stable throughout the aging process, it is important to provide these glands with support to keep them functioning well.[4]

What is a Protomorphogen™ brand extract?

Protomorphogen™ brand extracts are specific material extracted from animal glands and organs through a complex, multistep process to retain what Dr. Lee termed "cellular determinants." In 1947, he defined cellular determinants as the smallest functional unit of the chromosome, saying that cell determinants are the components that direct, maintain, and regulate cell functions (like protein, genetic material, and compounds like minerals).

Why are Protomorphogen™ brand extracts used in Symplex® F?

Dr. Lee purposefully designed and created products that incorporated ideal sources of nutrition from both vegetables and animals. Glands and organs are by nature and function inherently different from skeletal muscle. Organ meats have more DNA per gram than skeletal muscle, different protein profiles, and different starting concentrations of vitamins and minerals. Symplex® F provides bovine ovary, adrenal, pituitary and thyroid PMG™ extracts.

Dr. Lee had some beliefs about nutrition that have not yet been substantiated by science. We are investing time and resources here at Standard Process to scientifically explore the validity of Dr. Lee's beliefs and scientific theories. The Nutrition Innovation Center is dedicated to developing and testing new products and solutions for healthcare practitioners and patients, including substantiating and validating novel ingredients.

Vegan products are devoid of animal-based tissue, animal-based gelatin, or fish oils. They are also devoid of animal-based ingredients such as dairy, eggs, honey, beeswax, and lanolin. **Gluten-Free** products have been tested to verify they meet the regulations associated with the United States Food and Drug Administration's gluten-free labeling. **Non-Dairy or Non-Dairy Formula** products have been formulated to not contain milk or milk-derived ingredients. **Non-Grain** products have been formulated to not contain any true cereal grain or grain-derived ingredients such as those from wheat, rice, oats, cornmeal, barley, or another cereal grain.

Standard Process®
WHOLE FOOD NUTRIENT SOLUTIONS

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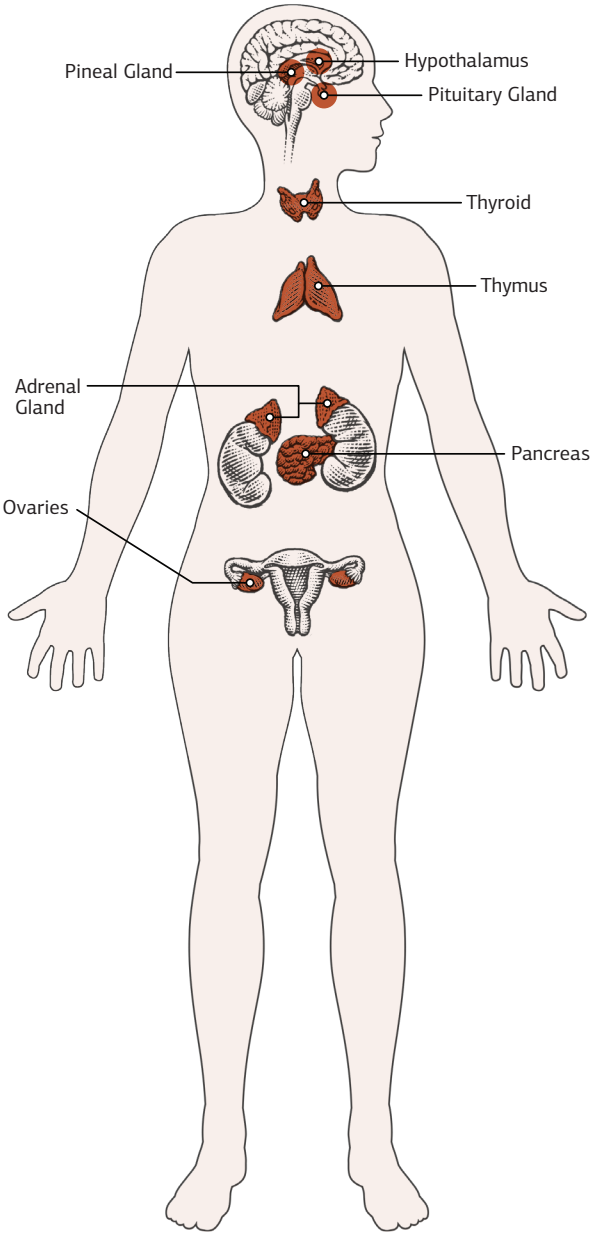
WOMEN'S HEALTH

Female Endocrine System

Many major body systems are influenced in some way by the actions of the adrenal glands. For example, the adrenal glands are involved in hematological, blood glucose, and carbohydrate metabolism; liver function; and hormone production. The pituitary gland is often referred to as the master gland of the body because it stores and secretes a number of hormones that regulate many bodily processes. The pituitary gland directly influences cell division and protein synthesis for growth and oversees various metabolic activities involving adrenal and thyroid gland function. It also stimulates the production of gonadotrophic hormones in both males and females, which are essential for both reproduction and lactation.*



Additional Product Support

- Drenamin®
- Ovex®
- Ovex® P

Since 1929, **Standard Process** has been changing lives with our whole food philosophy.

REFERENCES

1. Endocrine diseases. (2016, September 8). Retrieved September 30, 2016, from https://medlineplus.gov/endocrinediseases.html
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3. Morley, J. E. (2016). Retrieved September 30, 2016, from http://www.merckmanuals.com/professional/endocrine-and-metabolic-disorders/principles-of-endocrinology/overview-of-endocrine-disorders
4. Chahal, H. and Drake, W. (2007). J. Pathol., 211: 173–180.

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