**DESCRIPTION**

Xtra-Cell™ Thymus is an innovative liquid extract consisting of a complex spectrum of proteins and peptides known as thymic factors obtained from porcine thymus tissue. Xtra-Cell Thymus is provided as a convenient, great tasting spray.

**FUNCTIONS**

Xtra-Cell Thymus is manufactured and purified via a patented† low temperature process that involves homogenization, fractionation, and ultrafiltration of porcine thymus tissue. The molecules present in this product are selected based on their size and low molecular weight (6,000 - 50,000 Daltons), and are isolated in their native state. Once the molecules are selected, the liquid is aseptically bottled to ensure optimal potency, freshness and bioavailability. This unique process can be applied to different starting materials, allowing for the creation of liquid extracts that are targeted for specific applications. The extract created from this tissue is highly bioavailable and of the highest quality available.

The thymus is essential for the maturation and maintenance of the immune system. It functions by releasing certain thymic factors that affect its own regulation as well as the functions of other cells throughout the body. These thymic factors (including but not limited to thymosins, thymopoietin, thymic factor X, and serum thymic factor) tend to reach their peak at puberty and decline with age. These peptides are important for the healthy maturation and activation of T lymphocytes, which can in turn activate B-lymphocytes and macrophages and contribute to a healthy immune system.* Supplementing with extracts that provide thymic factors may be important to maintaining normal immune function. Xtra-Cell Thymus provides a broad range of thymic peptides that are stable at room temperature.

**INDICATIONS**

Xtra-Cell Thymus may be a useful dietary supplement for those who wish to support proper immune function.

**FORMULA (99463)**

- **Serving Size:** 4 Sprays
- **Servings Per Bottle:** 60
- **Each Serving Contains:**
  - Thymic Peptides (from porcine thymus aqueous extract) 0.5 ml
  - Other Ingredients: Purified water, fructose, natural cherry flavor, ethanol, potassium sorbate, methylparaben, and propylparaben.

**SUGGESTED USE**

As a dietary supplement, pump 4 sprays into mouth, and then swallow. Repeat twice daily or as directed by your healthcare professional.

**SIDE EFFECTS/WARNINGS**

This product may not be suitable for children 12 years of age or younger, pregnant or nursing women, persons taking immunosuppressants, or persons allergic to pork products. Consult a healthcare professional before using.

**STORAGE**

Keep out of reach of children.

**REFERENCES**


(continued on reverse)
*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.

† Extraction process covered under U.S. patent number 5,985,839.

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