ALIMENTUM LABS

# OrganGenic

## Multi-Organ Blend

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# OrganGenic

## Multi-Organ Blend

A blend of organ tissue extracts, also known as glandulars, that provide DNA, RNA, and amino acids for multi-organ support. Consuming these nutrient dense organ tissues also supports vitality and endurance.



Whole Body



Hormone



Detox



Metabolism

## Health Indications

- Provide Essential Nutrients in Bioavailable and Bioactive Forms
- Protect Cell Membranes
- Reduce Oxidative Stress
- Improve Joint Health
- Boost Heart Health
- Encourage Proper Immune Response
- Enhance Neuroprotective Structures
- Mitigate Fatigue
- Support Hormone Regulation
- Improve Vitality and Endurance

## Instructions For Use

Take 5 capsules daily, or as directed by your health care provider.

**Individual needs may vary; please consult your practitioner before altering the prescribed doses or protocols.

# Product Description

Grass-fed beef organs are nutritional powerhouses, packed with essential vitamins, minerals, and bioactive compounds. These nutrient-dense organs, including the liver, heart, spleen, and glandular organs, provide high concentrations of bioavailable iron, zinc, preformed vitamin A, vitamin B12, CoQ10, and healthy fats, all of which support overall health and wellness.

Beyond their impressive nutrient profile, beef organs are rich in peptides, small molecules that play crucial roles in cellular communication and bodily functions. Peptides found in bovine organs, like BPC-157, thymosin alpha-1, LEAP-2, and tuftsin, have been increasingly recognized for their potential health benefits. These peptides contribute to functions like oxygen transport, immune support, DNA synthesis, and brain health.[1]



The grass-fed beef organs in OrganGenic also contain a wealth of additional compounds that support overall well-being. For example, carnitine aids in fatty acid transport and energy production, while sphingolipids support cell membrane structure and signaling. Nucleotides, the building blocks of DNA and RNA, are vital for cellular repair and growth. Taurine, present in the heart and liver, supports cardiovascular health, and betaine aids in liver function and metabolism.

While the taste of grass-fed beef organs can be unappealing to some, OrganGenic offers a convenient and palatable solution. Our product combines a variety of 100% pure grass-fed bovine organ extracts, carefully selected for their beneficial compounds and wellness support. Experience the power of whole-body nourishment with OrganGenic.



# Key Elements and Features of OrganGenic

## High-Quality, Bioavailable, and Bioactive Nutrients

The nutrients in grass-fed beef organs are naturally bioavailable and bioactive, ensuring that they are effectively absorbed and utilized by the body.

## Supports Epigenetic Regulation

OrganGenic provides essential nutrients that support healthy gene expression and proper enzyme function, ensuring optimal cellular processes.

## General Wellness Support

OrganGenic supports multiple areas of the body, including the immune system, bones, heart, glands, brain, and individual cells, to promote overall health.

## Beneficial Peptides

OrganGenic harnesses the power of peptides such as BPC-157, thymosin alpha-1, LEAP-2, and tuftsin, which may support wound healing, immune function, and overall health.

# Gene Spotlight

The nutrients in OrganGenic have a strong influence on the expression of genes and the function of the proteins the genes encode. By ensuring optimal nutrient absorption, OrganGenic provides natural epigenetic support. These widespread benefits enhance critical functions, helping to protect the body in an increasingly polluted and nutrient-poor world.

# Genetic Interactions

### *HIF-1*α (Hypoxia Inducible Factor-1α) Gene

The *HIF-1*α gene encodes a protein that regulates the body's response to low oxygen levels. Iron is essential for transporting oxygen molecules throughout the body, and iron deficiency anemia can lead to reduced oxygen levels. The heart is particularly vulnerable to damage from low oxygen levels, and the HIF-1α protein plays a key role in protecting the body against this damage.[2]

### *PEPCK* (Phosphoenolpyruvate Carboxykinase) Gene

The *PEPCK* gene encodes an enzyme of the same name that is the key regulator of gluconeogenesis. Gluconeogenesis is a biochemical process in the body where glucose, essential for energy production, is synthesized from a group of carbon-based molecules. This process is crucial for regulating blood sugar levels, particularly between meals and during intense physical activity that depletes the body's glycogen stores.[3] This process is controlled on multiple levels, with the PEPCK enzyme playing a significant role in glucose regulation. Additionally, the expression of the *PEPCK* gene is controlled by vitamin A.[4]

### *GPx1* (Glutathione Peroxidase 1) Gene

The *GPx1* gene encodes an enzyme, also called GPx1, that breaks down reactive oxygen species (ROS) that cause oxidative stress and cellular damage. This enzyme requires selenium, an essential trace mineral, to function effectively. Selenium is abundantly available in its bioactive forms in bovine organs.[5]

### *BCL2* (B-Cell Lymphoma 2) Genes

The *BCL2* genes, also known as apoptosis regulators, encode proteins that manage the death and removal of dysfunctional cells. This process is tightly controlled to ensure that aged or damaged cells are eliminated, which helps prevent chronic inflammation and reduces the risk of diseases caused by cellular abnormalities. Proper expression of these genes requires adequate levels of CoQ10.[6,7]

# How OrganGenic Works

OrganGenic offers a carefully selected blend of extracts from desiccated beef organs. The vitamins and minerals in these tissues are in their bioavailable and bioactive forms, ensuring better absorption compared to common supplements. Along with the vitamins and minerals, the lean protein, tissue factors, hormone modulators, and epigenetic regulators present in these organs support full-body health.



# Key Ingredients

## Liver (Bovine)

The liver is an organ that is rich in numerous bioavailable nutrients essential for whole body health. These nutrients include vitamin B12, preformed vitamin A, iron, copper, and choline.[8] Iron deficiency is the most common nutrient deficiency worldwide and the liver is a potent source of heme, a highly bioavailable form of iron. Adequate iron levels are crucial to ensure the proper expression of the *HIF-1*α gene, which helps protect heart health.[2] Vitamin A is a key regulator of the *PEPCK* gene, which modulates gluconeogenesis, the process through which the body creates glucose molecules to be utilized for energy.[4] Choline is an essential nutrient required for proper methylation reactions and maintaining healthy brain tissue and cognitive function; the liver is one of the best sources for acquiring this valuable nutrient.[9]

## Thymus (Bovine)

The thymus is an organ that plays a crucial role in developing a robust immune system, especially during childhood. However, its functionality begins to decline after puberty. One key hormone produced by the thymus is thymosin, which enhances the immune system's ability to respond effectively to allergies and infections, helping the body combat invaders efficiently.[10] Consuming beef thymus has been shown to help prevent respiratory infections and improve overall immune response, even in adults.[11,12]

## Thyroid (Bovine)

Beef thyroid is an excellent source of essential vitamins, minerals, peptides, protein, healthy fats, and nucleic acids. Including thyroid in the diet may also help regulate hormones. Historically, consuming beef thyroid was a primary method for hormone regulation before the development of synthetic options. However, many people still prefer using natural beef thyroid over synthetic alternatives.[13,14]

## Adrenal (Bovine)

The adrenal glands produce important hormones that regulate heart rate, blood pressure, and energy levels. Desiccated adrenal tissues have been shown to preserve the integrity of important biological molecules found in food that interact with the gut and immune system, offering various health benefits. These tissues may help reduce fatigue, stimulate the immune system, and support the gut-brain axis.[15]

## Heart (Bovine)

Beef heart is a nutrient-dense organ that offers a potent dose of bioavailable nutrients, including zinc complexes, CoQ10, and B vitamins. CoQ10 is crucial for heart health and recovery and plays an important role in regulating *BCL2* gene expression, which helps protect the heart from damage.[6] Additionally, beef heart is an excellent source of lean protein, providing essential building blocks for strong, active muscles and overall exceptional health.[16,17]

## Pancreas (Bovine)

The pancreas is an organ rich in essential bioavailable nutrients, particularly proteins and peptides, which can greatly enhance health by improving the body's ability to absorb these nutrients efficiently. It provides quality sources of sodium and potassium to aid in proper electrolyte balance. It is also a superior source of nucleic acids which support the brain, muscle recovery, and normalize hormone levels.[18–20]

## Spleen (Bovine)

Grass-fed beef spleen filters out old red blood cells and supports the immune system by producing new white blood cells. It is an excellent source of heme iron, zinc, and essential fatty acids that support cellular health.[21] It is also a valuable source of lean protein and peptides, which provide the building blocks required for repairing tissues from daily wear and tear.[22]

## Bone Broth (Bovine)

Bone broth is a superfood that has recently gained widespread attention for its potential health benefits. It provides a variety of vitamins, including preformed vitamin A, B2, B12, and E, as well as minerals such as iron, selenium, zinc. Additionally, it contains amino acids and healthy fats like glucosamine, chondroitin, and omega fatty acids.23,24 Selenium, an essential micronutrient that is often not consumed in adequate amounts, is critical for the expression of genes coding for selenoproteins. One key selenoprotein is glutathione peroxidase 1 (GPx1), which is essential for reducing oxidative stress and damage in the body.25 Selenium also acts as an important epigenetic regulator of genes associated with inflammation, and has been shown to mitigate excessive inflammation.26

# Warnings/Contraindications

When used as directed there are no known contraindications for OrganGenic. Consult with your healthcare provider before taking OrganGenic if you have thyroid dysfunction, particularly hypo- or hyperthyroidism.

**It is always recommended that you consult your practitioner prior to adding any new supplement to your regimen if you are pregnant, breastfeeding, experiencing renal failure, undergoing an organ transplant(s), managing diabetes with insulin, or are taking medication(s) for any pre-existing conditions.**

# Safety

All ingredients are tested before use for:

- Pathogenic microbial contaminants
- Heavy metals and/or chemical contaminants
- Purity

# Additional Information

- Gluten Free
- Dairy Free
- No Sugar
- Non-GMO
- cGMP Facility

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