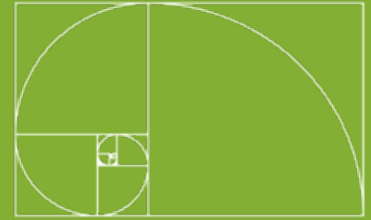




# BUCKTHORN™ STEM CELL BOOST

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## PRODUCT INFORMATION

Standardized Sea Buckthorn Extract

Vesta Ingredients has been a leader in the nutraceuticals industry for over 30 years. The superior quality of Vesta Brand's raw ingredients has ensured the success of our clientele.

## Buckthorn Stem Cell Boost™

Buckthorn Stem Cell Boost™ is an extract of Sea Buckthorn that modulates human stem cells. Sea Buckthorn extract is a combination of polyphenols, proanthocyanidins, and bioflavonoids, all which provide extensive health benefits. The proanthocyanidins of Buckthorn Stem Cell Boost™ provide effects on stem cell mobilization and regeneration. Buckthorn Stem Cell Boost™ provides stem cell benefits to support the immune system, tissue repair, and aging. The Buckthorn Stem Cell Boost™ stem cell booster supports multiple health areas, including weight loss and GLP-1 side effects.\*

- Immunity and Disease Prevention
- Tissue Regeneration and Repair
- Longevity and Anti-Aging

Sea Buckthorn (*Hippophae rhamnoides*) has been common for centuries in traditional medicine in Tibetan, Mongolian, and Chinese cultures. The botanical name, *Hippophae*, refers to horse ("hippo") for the fully healed horses left to eat nothing but Sea Buckthorn when they were originally injured and abandoned. In addition, the legend of Genghis Khan says that he ordered his soldiers to use Sea Buckthorn berries and leaves to heal faster from battle wounds. Sea Buckthorn stimulates stem cells to promote cellular recovery and differentiation.† Use Buckthorn Stem Cell Boost™ for known support of healing, tissue repair, and reduced inflammation.

### Benefits:

- Preventive Health and Immunity
- Regenerative Health and Tissue Repair
- Anti-Aging and Anti-Inflammatory
- Cardiometabolic and Skin Health
- Antioxidant with a variety of Nutrients and Vitamins



**BUCKTHORN™**  
STEM CELL BOOST

An increase in circulating stem cells is important for regenerative properties against degenerative diseases of metabolism, the heart, brain, bones, joints, and muscle. In addition, the benefits include tissue repair and wound healing with increased immunity and less inflammation. Buckthorn Stem Cell Boost™ is ideal for improved health, weight-loss (GLP-1) side effects, and all-natural homeostasis.



\* 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.

[www.vestaingredients.com](http://www.vestaingredients.com)



**Vesta®**

Vesta Ingredients, Inc.



Vesta Nutra®

## Why use Buckthorn Stem Cell Boost™?

Stem cells are unique for their ability to differentiate into various cell types, enabling the repair of tissues affected by disease, injury, or aging. By fostering these processes, stem cell supplements aim to enhance the body's ability to heal and renew itself. The Buckthorn Stem Cell Boost™ Sea Buckthorn extract is dense with Flavonoids and Proanthocyanidins and has an antioxidant potential greater than Grapeseed or Pine Bark Extracts.

## Mechanism of Action:

Buckthorn Stem Cell Boost™ features natural ingredients and compounds known to stimulate stem cell production and function.† The Buckthorn Stem Cell Boost™ active ingredient is the Proanthocyanidins which have shown effects on stem cells, especially diseased cells vs. normal cells. The effects on diseased stem cells may be related to the Proanthocyanidins ability to chelate iron, alter redox status, and reduce oxidative stress.

Sea Buckthorn activates multiple Stem Cell Types for circulating blood cells, various tissues, and multiple organs.† These stem cells are vital for tissue repair, regeneration, and maintaining the body's homeostasis.

- Hematopoietic--Progenitor cells for all Blood Cell types
- Endothelial--Arteries, Veins, Capillaries, Heart, and Lymph vessels
- Mesenchymal Stem Cells--Bone, Muscle, and Cartilage

## In Summary, Sea Buckthorn Mobilizes Three Different Types of Stem Cells for Health Benefits:

- Preventive Health
- Regenerative Health
- Healthy Aging
- Weight-Loss (GLP-1) Complications



**BUCKTHORN**™  
STEM CELL BOOST

## Product Information:

- Proanthocyanidins 30%, 50%, or 80%
- Water Soluble
- Tablets, Capsules, Powders, Sachets
- Shelf Life 3-Years
- Temperature and pH Stable
- Dose 200-500 mg / day
- Ingredient also available for your Food, Drink, Gelcaps, Gummies

† Drapeau C, Benson KF, Jensen GS. Clinical Interventions in Aging, 2019. Rapid and selective mobilization of specific stem cell types after consumption of a polyphenol-rich extract from sea buckthorn berries (*Hippophae*) in healthy human subjects. Feb 4;14:253-263.

Innovative products at a competitive price™



SPECIALTY INGREDIENTS

# Quality & Trust

Vesta is proud to introduce Buckthorn Stem Cell Boost™ which is manufactured under cGMP guidelines.

We are environmentally and socially responsible and dedicated to the nutrition industry. Vesta Ingredients is committed to being a reliable business partner.



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