

## StemPlex®



60 Vegetarian Capsules ..... Item #21-323

- ◆ Increases the growth of adult stem cells, as shown in *in vitro* laboratory studies\*
- ◆ Supports the body's natural renewal system through a unique combination of ingredients\*
- ◆ Provides nutrition that enables stem cells to flourish
- ◆ Protects existing stem cells from the harmful effects of free radicals

## NATURAL RENEWAL

StemPlex® is a unique combination of natural ingredients that have been found to work synergistically to support the growth of adult stem cells (see chart on page 2).\* Research demonstrates that these nutrients can help promote natural renewal by means of an interaction with stem cell populations. The StemPlex formula helps this process in two ways. First, the ingredients provide nutrition for stem cells to reproduce. Second, via its antioxidant capacity, the formula protects existing stem cells from the harmful effects of free radicals; this is especially important because during the natural aging process, adult stem cells are known to have a reduced regenerative capacity.

All of the ingredients in this exceptional formula have been shown to increase the proliferation of adult stem cells *in vitro*; and when they are combined, the increase in the growth of stem cells is even greater. In addition to this synergistic functioning, each of the individual ingredients also adds its own benefit. Green tea extract helps to support the digestive and respiratory systems, and the health of skin tissue, as well as helping to maintain cholesterol levels that are already within the normal range.\* Wild blueberry extract

further promotes maintenance of healthy brain, cardiovascular, vision, joint and urinary tract function, and helps to maintain glucose levels that are already within normal limits.\* Carnosine is an antioxidant amino acid naturally present in the human body that may delay the natural aging of cells and extend the lifespan of adult stem cells. Vitamin D supports adult stem cell renewal.\* To these natural ingredients that make up the patented base formulation, we have added organic Omega Sun® microalgae extract, which increases the efficacy of the StemPlex formula.

Many of the ingredients in StemPlex are antioxidants. As oxidation of iron causes rust, our bodies heal less effectively if cells are damaged by free radicals. Antioxidants are very important in promoting a healthy immune system. They can possibly reduce the body's vulnerability to age-related health issues, and so help us achieve a healthier life.

Developed by leading university scientists, this remarkable formula assists in the propagation of adult stem cells, which, when combined with proper diet and exercise, support the maintenance of optimal health.\*



# STEMPLEX®

## Supplement Facts

Serving Size: 2 Capsules

	Amount Per Serving	% Daily Value*
Vitamin D (cholecalciferol)	2000 IU	500%
Proprietary Blend	0.96 g	†
Green Tea (leaves) Extract		
Wild Blueberry (fruit)		
Carnosine		
Wild Blueberry (fruit) Extract		
Organic Microalgae ( <i>Aph. flos-aquae</i> ) Extract		

\*Percent Daily Values are based on a 2,000 calorie diet.

†Daily Value not established.

## Other Ingredients

Plant fiber, maltodextrin.

## Suggested Use

Two capsules each day.

Consult your health care professional if you have a medical condition or are taking any prescription medication.

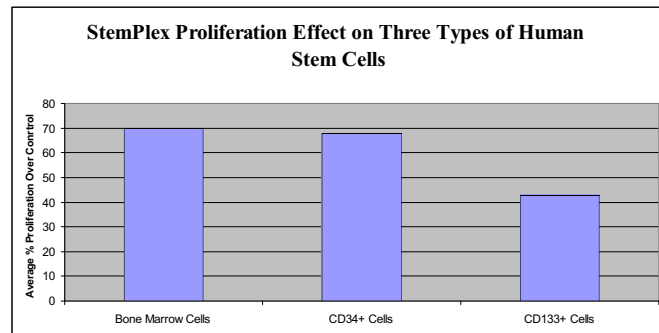
## Storage

Keep in a cool, dry place.

## What Are Stem Cells?

There are two basic types of stem cells—embryonic and adult. While controversy surrounds the use of embryonic stem cells, no such debate exists with the use of adult stem cells, which are naturally occurring in the body. All stem cells are capable of dividing and renewing themselves for long periods of time, and they can give rise to specialized cells. According to the National Institutes of Health, stem cells have the remarkable potential to develop into many different cell types in the body. When a stem cell divides, each new cell has the potential to either remain a stem cell or become another type of cell with a more specialized function, such as a muscle cell, a red blood cell, a skin cell, etc. When released, new stem cells migrate to the areas of the body where they are needed most as we grow older. Serving as a repair system for the body, stem cells can theoretically divide without limit to replenish other cells as long as a person or animal is alive.

This graph illustrates the proliferation effect of the ingredients in StemPlex on three types of adult stem cells *in vitro*. This information is detailed in the original research report “Nutraceuticals Synergistically Promote Proliferation of Human Stem Cells,” by Dr. Paula C. Bickford, et al.



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